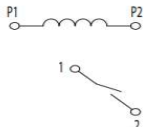
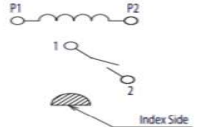
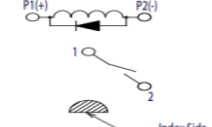
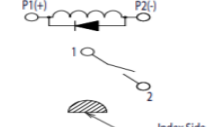
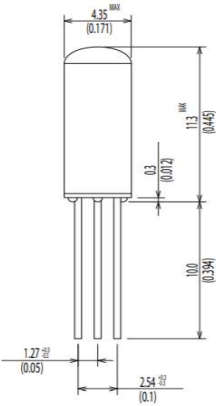
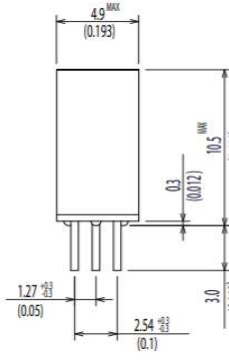
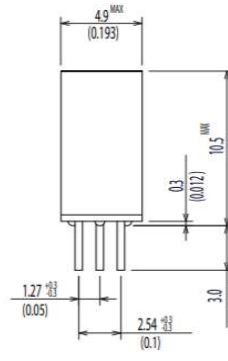
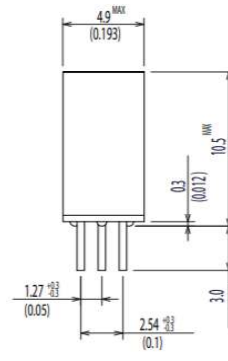
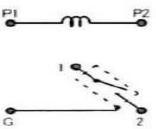
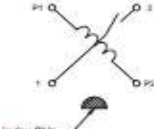
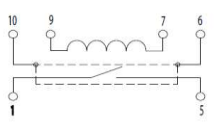
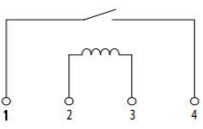
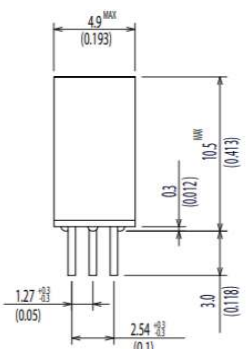
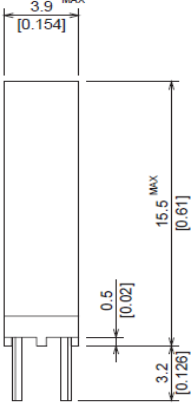
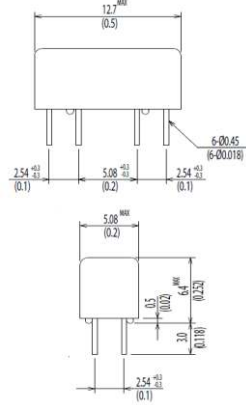
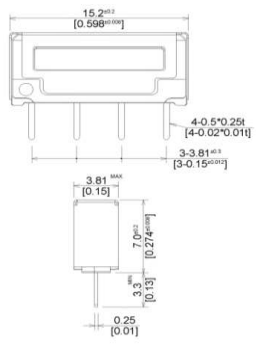
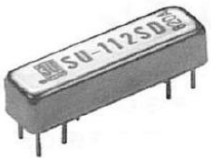
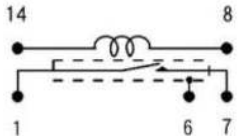
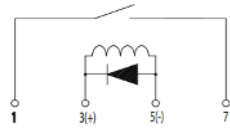
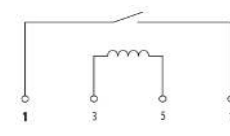
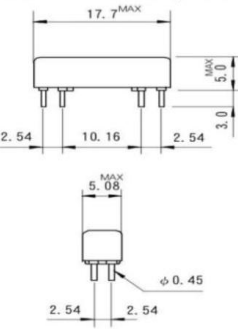
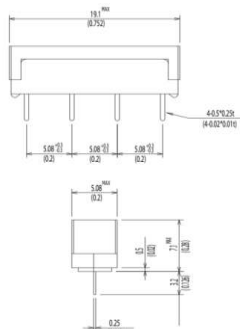
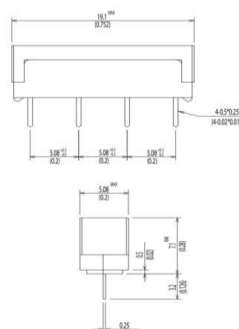
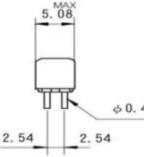
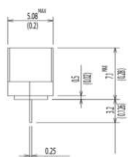
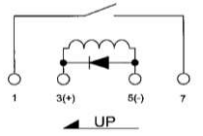
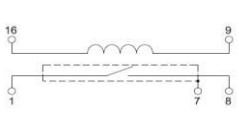
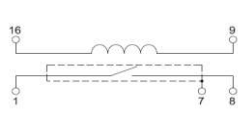
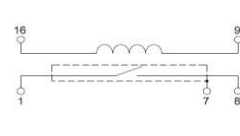
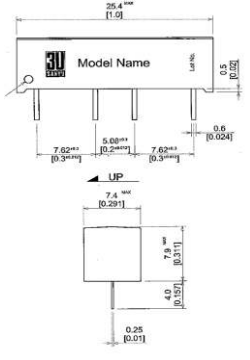
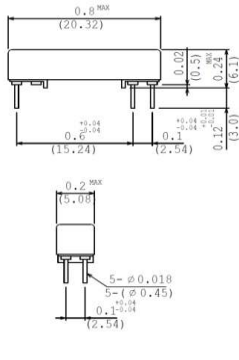
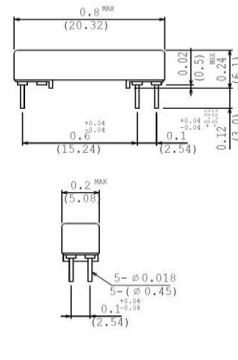
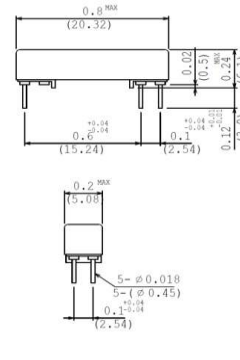
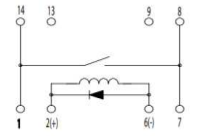
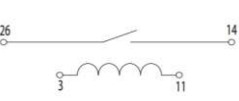
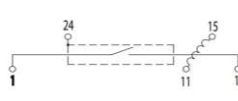
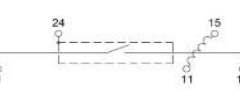
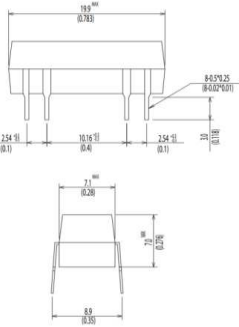
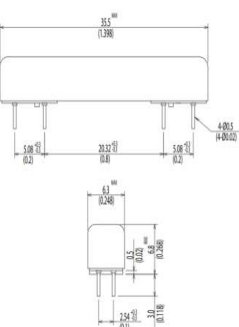
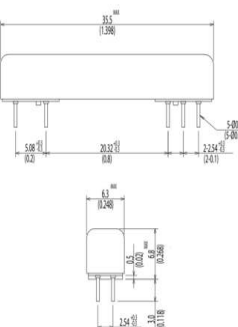
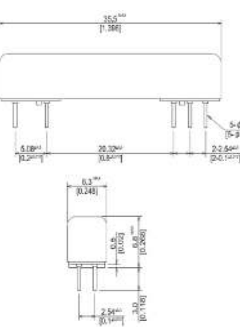


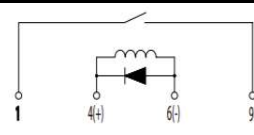
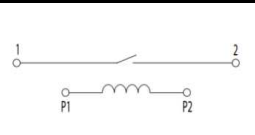
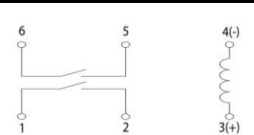
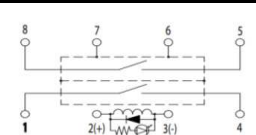
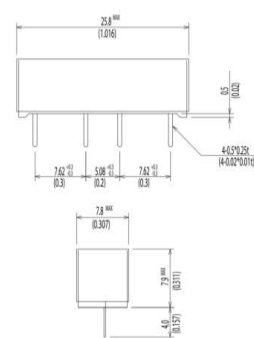
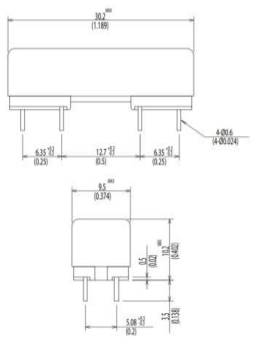
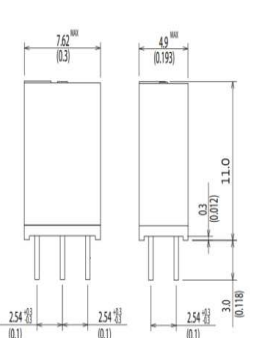
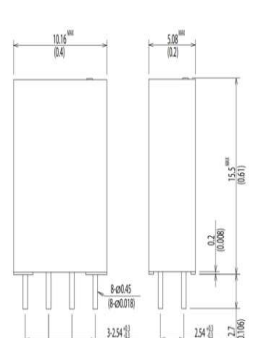
| TPM Part / No.                |                       | 5D-1A10N0(5V)                                                                       | 6D-1A10N0(5V)<br>6D-1A20N0(12V)                                                     | 6D-1A10D0(5V)<br>6D-1A20D0(12V)                                                      |                                                                                       |
|-------------------------------|-----------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
| SANYU Part / No.              |                       | MF-105NL(5V)                                                                        | MFS-105N(5V)<br>MFS-112N(12V)                                                       | MFS-105D(5V)<br>MFS-112D(12V)                                                        | MFS-E105D(5V)<br>MFS-E112D(12V)                                                       |
| 外觀形狀 Appearance               |                       |    |    |    |    |
| 尺寸 Size (L×W×H) mm            |                       | 4.3 x 4.3 x 11.3                                                                    | 4.9 x 4.9 x 10.5                                                                    | 4.9 x 4.9 x 10.5                                                                     | 4.9 x 4.9 x 10.5                                                                      |
| 回路接續圖<br>Figure.(TOP VIEW)    |                       |    |    |    |    |
| 電氣規格                          | Contact Form          | 1 Form A                                                                            | 1 Form A                                                                            | 1 Form A                                                                             | 1 Form A                                                                              |
|                               | Coil Rating Voltage   | 5 V / 150Ω                                                                          | 5 V / 150Ω<br>12 V / 600Ω                                                           | 5 V / 150Ω<br>12 V / 600Ω                                                            | 5 V / 150Ω<br>12 V / 600Ω                                                             |
|                               | Contact Rating        | 5 W                                                                                 | 5 W                                                                                 | 5 W                                                                                  | 10 W                                                                                  |
|                               | Contact Current       | 0.2 Amp                                                                             | 0.2 Amp                                                                             | 0.2 Amp                                                                              | 0.5 Amp                                                                               |
|                               | Carry Current         | 0.75 Amp                                                                            | 0.75 Amp                                                                            | 0.75 Amp                                                                             | 1.0 Amp                                                                               |
|                               | Switching Voltage     | 50 VDC                                                                              | 50 VDC                                                                              | 50 VDC                                                                               | 100 VDC                                                                               |
|                               | Contact Voltage       | 150 VDC                                                                             | 150 VDC                                                                             | 150 VDC                                                                              | 250 VDC                                                                               |
|                               | Contact Resistance    | 150 mΩ                                                                              | 150 mΩ                                                                              | 150 mΩ                                                                               | 150 mΩ                                                                                |
|                               | Insulation Resistance | 10 <sup>10</sup> Ω min.                                                             | 10 <sup>10</sup> Ω min.                                                             | 10 <sup>10</sup> Ω min.                                                              | 10 <sup>10</sup> Ω min.                                                               |
|                               | Operate Time          | 0.3 mS                                                                              | 0.3 mS                                                                              | 0.3 mS                                                                               | 0.3 mS                                                                                |
|                               | Release Time          | 0.3 mS                                                                              | 0.3 mS                                                                              | 0.3 mS                                                                               | 0.3 mS                                                                                |
|                               | Operating temperature |                                                                                     |                                                                                     |                                                                                      |                                                                                       |
|                               | Reflow temperature    |                                                                                     |                                                                                     |                                                                                      |                                                                                       |
| 電氣壽命 (代表例)<br>Electrical Life |                       | DC.1.0V,10mA<br>300×10 <sup>6</sup> (R負荷)                                           | DC.1.0V,10mA<br>300×10 <sup>6</sup> (R負荷)                                           | DC.1.0V,10mA<br>300×10 <sup>6</sup> (R負荷)                                            | DC.1.0V,10mA<br>300×10 <sup>6</sup> (R負荷)                                             |
| High-frequency response       |                       |                                                                                     | 2.0GHz @ -3dB                                                                       | 2.0GHz @ -3dB                                                                        | 2.0GHz @ -3dB                                                                         |
| 外觀尺寸                          | DIMENSION             |  |  |  |  |

|                               |                       |                                                                                     |                                                                                     |                                                                                      |                                                                                       |
|-------------------------------|-----------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
| TPM Part / No.                |                       |                                                                                     |                                                                                     | 7D-1A12N0(5V)<br>7D-1A22N0(12V)                                                      | 101E-1A10N2(5V)<br>101E-1A20N2(12V)                                                   |
| SANYU Part / No.              |                       | MFS-E105G(5V)<br>MFS-E112G(12V)                                                     | FL-E1A05N(5V)<br>FL-E1A12N(12V)                                                     |                                                                                      | JS-105S-02(5V)<br>JS-112S-02(12V)                                                     |
| 外觀形狀 Appearance               |                       |    |    |   |    |
| 尺寸 Size (L×W×H) mm            |                       | 4.9 x 4.9 x 10.5                                                                    | 3.9 x 3.9 x 15.5                                                                    | 12.7 x 5.0 x 6.4                                                                     | 15.2 x 3.8 x 7.0                                                                      |
| 回路接續圖<br>Figure.(TOP VIEW)    |                       |    |    |    |    |
| 電氣規格                          | Contact Form          | 1 Form A                                                                            | 1 Form A                                                                            | 1 Form A                                                                             | 1 Form A                                                                              |
|                               | Coil Rating Voltage   | 5 V / 150Ω<br>12 V / 600Ω                                                           | 5 V / 200Ω<br>12 V / 600Ω                                                           | 5 V / 160Ω<br>12 V / 600Ω                                                            | 5 V / 500Ω<br>12 V / 800Ω                                                             |
|                               | Contact Rating        | 10 W                                                                                | 30 W                                                                                | 5 W                                                                                  | 30 W                                                                                  |
|                               | Contact Current       | 0.5 Amp                                                                             | 0.5 Amp                                                                             | 0.2 Amp                                                                              | 0.5 Amp                                                                               |
|                               | Carry Current         | 1.0 Amp                                                                             | 1.3 Amp                                                                             | 0.75 Amp                                                                             | 1.3 Amp                                                                               |
|                               | Switching Voltage     | 100 VDC                                                                             | 200 VDC                                                                             | 50 VDC                                                                               | 200 VDC                                                                               |
|                               | Contact Voltage       | 250 VDC                                                                             | 300 VDC                                                                             | 150 VDC                                                                              | 250 VDC                                                                               |
|                               | Contact Resistance    | 150 mΩ                                                                              | 150 mΩ                                                                              | 150 mΩ                                                                               | 100 mΩ                                                                                |
|                               | Insulation Resistance | 10 <sup>10</sup> Ω min.                                                             | 10 <sup>12</sup> Ω min.                                                             | 10 <sup>10</sup> Ω min.                                                              | 10 <sup>12</sup> Ω min.                                                               |
|                               | Operate Time          | 0.3 mS                                                                              | 0.5 mS                                                                              | 0.3 mS                                                                               | 0.3 mS                                                                                |
|                               | Release Time          | 0.3 mS                                                                              | 0.2 mS                                                                              | 0.1 mS                                                                               | 0.15 mS                                                                               |
|                               | Operating temperature |                                                                                     |                                                                                     |                                                                                      |                                                                                       |
|                               | Reflow temperature    |                                                                                     |                                                                                     |                                                                                      |                                                                                       |
| 電氣壽命 (代表例)<br>Electrical Life |                       | DC.1.0V,10mA<br>300×10 <sup>6</sup> (R負荷)                                           | DC.1.0V,10mA<br>1500×10 <sup>6</sup> (R負荷)                                          | DC.1.0V,10mA<br>300×10 <sup>6</sup> (R負荷)                                            | DC.1.0V,10mA<br>1500×10 <sup>6</sup> (R負荷)                                            |
| High-frequency response       |                       | 2.0GHz @ -3dB                                                                       |                                                                                     |                                                                                      |                                                                                       |
| 外觀尺寸<br>DIMENSION             |                       |  |  |  |  |

| TPM Part / No.                |                       | 102R-1A20D2-40(12V)                                                                 | 102E-1A10N2(5V)<br>102E-1A20N2(12V)                                                 |                                                                                       |
|-------------------------------|-----------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
| SANYU Part / No.              |                       | SU-105S(5V)<br>SU-112S(12V)                                                         |                                                                                     | J-105XD(5V)                                                                           |
| 外觀形狀 Appearance               |                       |    |    |     |
| ATE Grade                     |                       |                                                                                     |                                                                                     |    |
| 尺寸 Size (L×W×H) mm            |                       | 17.7 x 5.0 x 5.0                                                                    | 19.1 x 5.0 x 7.1                                                                    | 19.1 x 5.0 x 7.1                                                                      |
| 回路接續圖<br>Figure.(TOP VIEW)    |                       |    |    |     |
| 電氣規格                          | Contact Form          | 1 Form A                                                                            | 1 Form A                                                                            | 1 Form A                                                                              |
|                               | Coil Rating Voltage   | 5 V / 160Ω<br>12 V / 600Ω                                                           | 12 V / 1000Ω                                                                        | 5 V / 500Ω<br>12 V / 1000Ω                                                            |
|                               | Contact Rating        | 10 W                                                                                | 10 W                                                                                | <b>30 W</b>                                                                           |
|                               | Contact Current       | 0.5 Amp                                                                             | 0.5 Amp                                                                             | 0.5 Amp                                                                               |
|                               | Carry Current         | 1.0 Amp                                                                             | <b>1.6 Amp</b>                                                                      | <b>1.3 Amp</b>                                                                        |
|                               | Switching Voltage     | 100 VDC                                                                             | 200 VDC                                                                             | 200 VDC                                                                               |
|                               | Contact Voltage       | 200 VDC                                                                             | 300 VDC                                                                             | 300 VDC                                                                               |
|                               | Contact Resistance    | 150 mΩ                                                                              | 150 mΩ                                                                              | 150 mΩ                                                                                |
|                               | Insulation Resistance | 10 <sup>11</sup> Ω min.                                                             | 10 <sup>12</sup> Ω min.                                                             | 10 <sup>12</sup> Ω min.                                                               |
|                               | Operate Time          | 0.35 mS                                                                             | 0.35 mS                                                                             | 0.3 mS                                                                                |
|                               | Release Time          | 0.25 mS                                                                             | 0.25 mS                                                                             | 0.2 mS                                                                                |
|                               | Operating temperature |                                                                                     |                                                                                     |                                                                                       |
|                               | Reflow temperature    |                                                                                     |                                                                                     |                                                                                       |
| 電氣壽命 (代表例)<br>Electrical Life |                       | DC.1.0V,10mA<br>100×10 <sup>6</sup> (R負荷)                                           | <b>DC.1.0V,10mA<br/>1500×10<sup>6</sup> (R負荷)</b>                                   | <b>DC.1.0V,10mA<br/>1500×10<sup>6</sup> (R負荷)</b>                                     |
| High-frequency response       |                       |                                                                                     |                                                                                     |                                                                                       |
| 外觀尺寸                          | DIMENSION             |  |  |   |
|                               |                       |  |  |  |

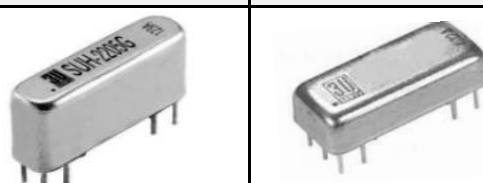
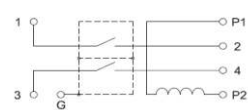
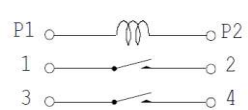
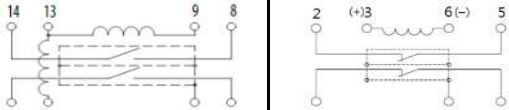
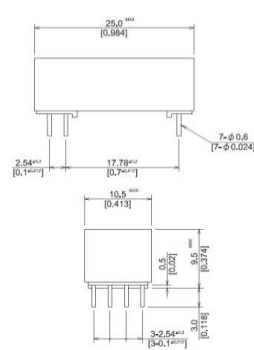
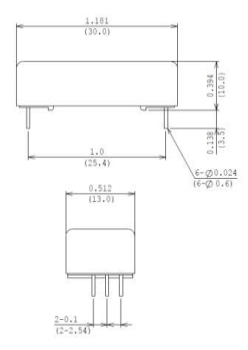
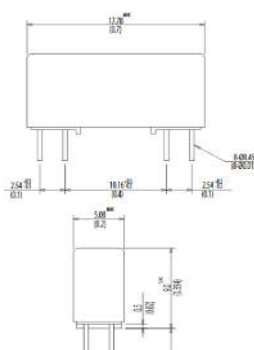
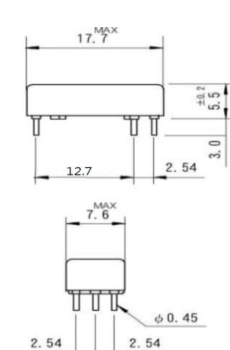
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|-------------------------------|-----------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
| TPM Part / No.                |                       |                                                                                     | 20R-1A11N1(5V)<br>20R-1A21N1(12V)<br>20R-1A31N1(24V)                                |                                                                                      | 20H-1A11N3-60(5V)<br>20H-1A21N3-60(12V)                                               |
| SANYU Part / No.              |                       | J-14324YAD(24V)                                                                     |                                                                                     | S-E105N(5V)<br>S-E112N(12V)                                                          |                                                                                       |
| 外觀形狀 Appearance               |                       |    |    |    |    |
| 尺寸 Size (L×W×H) mm            |                       | 25.4 x 7.4 x 7.9                                                                    | 20.3 x 5.0 x 6.1                                                                    | 20.3 x 5.0 x 6.1                                                                     | 20.3 x 5.0 x 6.1                                                                      |
| 回路接續圖<br>Figure.(TOP VIEW)    |                       |    |    |    |    |
| 電氣規格                          | Contact Form          | 1 Form A                                                                            | 1 Form A                                                                            | 1 Form A                                                                             | 1 Form A                                                                              |
|                               | Coil Rating Voltage   | 24 V / 1440Ω                                                                        | 5 V / 160Ω<br>12 V / 600Ω<br>24 V / 1800Ω                                           | 5 V / 160Ω<br>12 V / 600Ω                                                            | 5 V / 160Ω<br>12 V / 600Ω                                                             |
|                               | Contact Rating        | 50 W                                                                                | 10 W                                                                                | 30 W                                                                                 | 10 W                                                                                  |
|                               | Contact Current       | 1.0 Amp                                                                             | 0.5 Amp                                                                             | 0.5 Amp                                                                              | 0.5 Amp                                                                               |
|                               | Carry Current         | 5.2 Amp                                                                             | 1.0 Amp                                                                             | 1.3 Amp                                                                              | 1.0 Amp                                                                               |
|                               | Switching Voltage     | 500 VDC                                                                             | 200 VDC                                                                             | 200 VDC                                                                              | 500 VDC                                                                               |
|                               | Contact Voltage       | 2000 VDC                                                                            | 300 VDC                                                                             | 300 VDC                                                                              | 1500 VDC                                                                              |
|                               | Contact Resistance    | 100 mΩ                                                                              | 150 mΩ                                                                              | 150 mΩ                                                                               | 200 mΩ                                                                                |
|                               | Insulation Resistance | 10 <sup>10</sup> Ω min.                                                             | 10 <sup>11</sup> Ω min.                                                             | 10 <sup>11</sup> Ω min.                                                              | 10 <sup>13</sup> Ω min.                                                               |
|                               | Operate Time          | 2.0 mS                                                                              | 0.35 mS                                                                             | 0.35 mS                                                                              | 0.5 mS                                                                                |
|                               | Release Time          | 2.0 mS                                                                              | 0.25 mS                                                                             | 0.2 mS                                                                               | 0.2 mS                                                                                |
|                               | Operating temperature |                                                                                     |                                                                                     |                                                                                      |                                                                                       |
|                               | Reflow temperature    |                                                                                     |                                                                                     |                                                                                      |                                                                                       |
| 電氣壽命 (代表例)<br>Electrical Life |                       | DC.1.0V,10mA<br>1000×10 <sup>6</sup> (R負荷)                                          | DC.1.0V,10mA<br>1000×10 <sup>6</sup> (R負荷)                                          | DC.1.0V,10mA<br>1500×10 <sup>6</sup> (R負荷)                                           | DC.1.0V,10mA<br>500×10 <sup>6</sup> (R負荷)                                             |
| High-frequency response       |                       |                                                                                     |                                                                                     |                                                                                      |                                                                                       |
| 外觀尺寸                          | DIMENSION             |  |  |  |  |
|                               |                       |                                                                                     |                                                                                     |                                                                                      |                                                                                       |

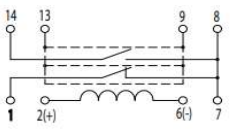
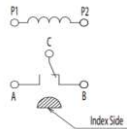
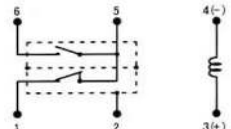
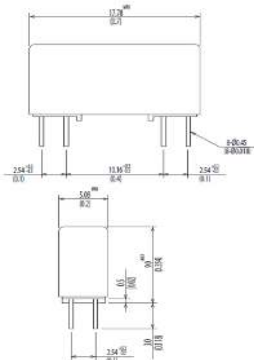
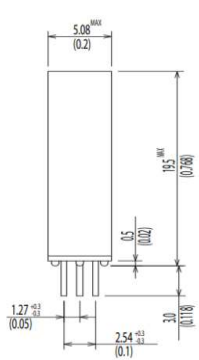
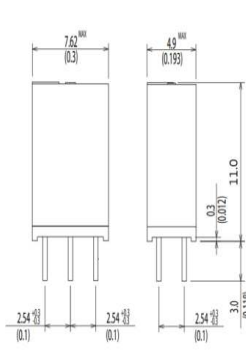
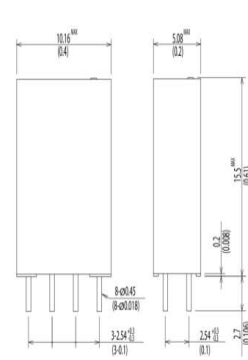
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|-------------------------------|-----------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
| TPM Part / No.                |                       | 110D-1A10D0(5V)<br>110D-1A20D0(12V)                                                 |                                                                                     |                                                                                      |                                                                                       |
| SANYU Part / No.              |                       |                                                                                     | SL-19105(5V)<br>SL-19112(12V)                                                       | SL-19105GB(5V)<br>SL-19112GB(12V)                                                    | SL-16305GB-R13(5V)<br>SL-16312GB-R13(12V)<br>SL-16324GB-R13(24V)                      |
| 外觀形狀 Appearance               |                       |    |    |    |    |
| 尺寸 Size (L×W×H) mm            |                       | 19.9 x 7.1 x 7.0                                                                    | 35.5 x 6.3 x 6.8                                                                    | 35.5 x 6.3 x 6.8                                                                     | 35.5 x 6.3 x 6.8                                                                      |
| 回路接續圖<br>Figure.(TOP VIEW)    |                       |    |    |    |    |
| 電氣規格                          | Contact Form          | 1 Form A                                                                            | 1 Form A                                                                            | 1 Form A                                                                             | 1 Form A                                                                              |
|                               | Coil Rating Voltage   | 5 V / 500Ω<br>12 V / 1000Ω                                                          | 5 V / 180Ω<br>12 V / 1050Ω                                                          | 5 V / 180Ω<br>12 V / 1050Ω                                                           | 5 V / 100Ω<br>12 V / 550Ω<br>24 V / 2000Ω                                             |
|                               | Contact Rating        | 10 W                                                                                | 100W                                                                                | 100W                                                                                 | 150W                                                                                  |
|                               | Contact Current       | 0.5 Amp                                                                             | 1.0 Amp                                                                             | 1.0 Amp                                                                              | 1.5 Amp                                                                               |
|                               | Carry Current         | 1.0 Amp                                                                             | 2.5 Amp                                                                             | 2.5 Amp                                                                              | 3.0 Amp                                                                               |
|                               | Switching Voltage     | 100 VDC                                                                             | 1000 VDC                                                                            | 1000 VDC                                                                             | 1500 VDC                                                                              |
|                               | Contact Voltage       | 200 VDC                                                                             | 1500 VDC                                                                            | 1500 VDC                                                                             | 2000 VDC                                                                              |
|                               | Contact Resistance    | 150 mΩ                                                                              | 150 mΩ                                                                              | 150 mΩ                                                                               | 150 mΩ                                                                                |
|                               | Insulation Resistance | 10 <sup>10</sup> Ω min.                                                             | 10 <sup>10</sup> Ω min.                                                             | 10 <sup>12</sup> Ω min.                                                              | 10 <sup>13</sup> Ω min.                                                               |
|                               | Operate Time          | 1.0 mS                                                                              | 1.0 mS                                                                              | 1.0 mS                                                                               | 1.0 mS                                                                                |
|                               | Release Time          | 1.0 mS                                                                              | 1.0 mS                                                                              | 1.0 mS                                                                               | 1.0 mS                                                                                |
|                               | Operating temperature |                                                                                     |                                                                                     |                                                                                      |                                                                                       |
|                               | Reflow temperature    |                                                                                     |                                                                                     |                                                                                      |                                                                                       |
| 電氣壽命 (代表例)<br>Electrical Life |                       | DC.1.0V,10mA<br>100×10 <sup>6</sup> (R負荷)                                           | DC.1.0V,10mA<br>100×10 <sup>6</sup> (R負荷)                                           | DC.1.0V,10mA<br>100×10 <sup>6</sup> (R負荷)                                            | DC.1.0V,10mA<br>100×10 <sup>6</sup> (R負荷)                                             |
| High-frequency response       |                       |                                                                                     |                                                                                     |                                                                                      |                                                                                       |
| 外觀尺寸                          | DIMENSION             |  |  |  |  |
|                               |                       |                                                                                     |                                                                                     |                                                                                      |                                                                                       |

|                               |                       |                                                                                     |                                                                                     |                                                                                      |                                                                                       |
|-------------------------------|-----------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
| TPM Part / No.                |                       | 100H-1A10N2-60(5V)<br>100H-1A20N2-60(12V)<br>100H-1A30N2-60(24V)                    |                                                                                     |                                                                                      |                                                                                       |
| SANYU Part / No.              |                       | J-19105YK(5V)<br>J-19112YK(12V)<br>J-19124YK(24V)                                   | UPM-19105YHL(5V)<br>UPM-19112YHL(12V)<br>UPM-19124YHL(24V)                          | MFS-E2A05N(5V)<br>MFS-E2A12N(12V)                                                    | UF-2A05(5V)<br>UF-2A12(12V)                                                           |
| 外觀形狀 Appearance               |                       |    |    |   |    |
| 尺寸 Size (L×W×H) mm            |                       | 25.8 x 7.8 x 7.9                                                                    | 30.2 x 9.5 x 10.2                                                                   | 7.6 x 4.9 x 11.0                                                                     | 10.1 x 5.0 x 15.5                                                                     |
| 回路接續圖<br>Figure.(TOP VIEW)    |                       |    |    |    |    |
| 電氣規格                          | Contact Form          | 1 Form A                                                                            | 1 Form A                                                                            | 2 Form A                                                                             | 2 Form A                                                                              |
|                               | Coil Rating Voltage   | 5 V / 220Ω<br>12 V / 800Ω<br>24 V / 3000Ω                                           | 5 V / 120Ω<br>12 V / 600Ω<br>24 V / 1800Ω                                           | 5 V / 110Ω<br>12 V / 550Ω                                                            | 5 V / 180Ω<br>12 V / 680Ω                                                             |
|                               | Contact Rating        | 100 W                                                                               | 100 W                                                                               | 10 W                                                                                 | 10 W                                                                                  |
|                               | Contact Current       | 1.0 Amp                                                                             | 1.0 Amp                                                                             | 0.5 Amp                                                                              | 0.5 Amp                                                                               |
|                               | Carry Current         | 2.8 Amp                                                                             | 2.8 Amp                                                                             | 1.0 Amp                                                                              | 1.0 Amp                                                                               |
|                               | Switching Voltage     | 1000 VDC                                                                            | 1000 VDC                                                                            | 100 VDC                                                                              | 200 VDC                                                                               |
|                               | Contact Voltage       | 2500 VDC                                                                            | 2500 VDC                                                                            | 200 VDC                                                                              | 200 VDC                                                                               |
|                               | Contact Resistance    | 150 mΩ                                                                              | 150 mΩ                                                                              | 170 mΩ                                                                               | 150 mΩ                                                                                |
|                               | Insulation Resistance | 10 <sup>11</sup> Ω min.                                                             | 10 <sup>10</sup> Ω min.                                                             | 10 <sup>10</sup> Ω min.                                                              | 10 <sup>10</sup> Ω min.                                                               |
|                               | Operate Time          | 1.0 mS                                                                              | 1.5 mS                                                                              | 0.5 mS                                                                               | 0.5 mS                                                                                |
|                               | Release Time          | 1.0 mS                                                                              | 1.5 mS                                                                              | 0.5 mS                                                                               | 0.5 mS                                                                                |
|                               | Operating temperature |                                                                                     |                                                                                     |                                                                                      |                                                                                       |
|                               | Reflow temperature    |                                                                                     |                                                                                     |                                                                                      |                                                                                       |
| 電氣壽命 (代表例)<br>Electrical Life |                       | DC.1.0V,10mA<br>100×10 <sup>6</sup> (R負荷)                                           | DC.1.0V,10mA<br>100×10 <sup>6</sup> (R負荷)                                           | DC.1.0V,10mA<br>300×10 <sup>6</sup> (R負荷)                                            | DC.1.0V,10mA<br>100×10 <sup>6</sup> (R負荷)                                             |
| High-frequency response       |                       |                                                                                     |                                                                                     | 2.0GHz @ -3dB                                                                        |                                                                                       |
| 外觀尺寸                          | DIMENSION             |  |  |  |  |
|                               |                       |                                                                                     |                                                                                     |                                                                                      |                                                                                       |



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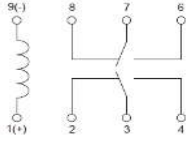
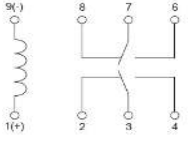
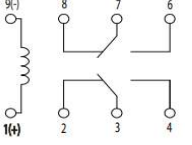
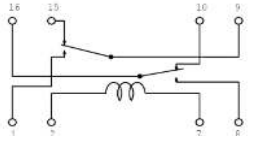
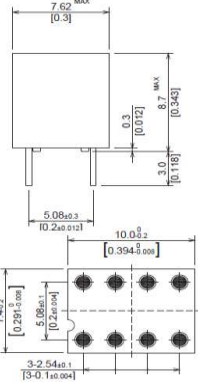
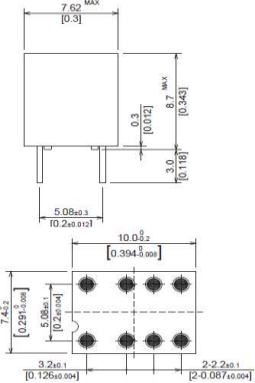
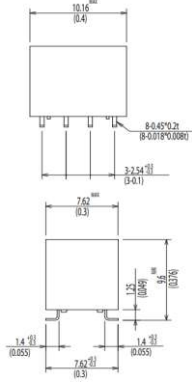
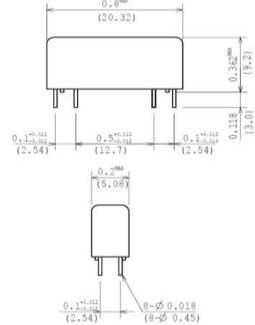
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|-------------------------------|-----------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
| TPM Part / No.                |                       | 51D-2A10N2(5V)<br>51D-2A20N2(12V)<br>51D-2A30N2(24V)                                |                                                                                     |                                                                                      |                                                                                       |
| SANYU Part / No.              |                       | UPM-205CSA(5V)<br>UPM-212CSA(12V)<br>UPM-224CSA(24V)                                |                                                                                     | SUH-2205G(5V)<br>SUH-2212G(12V)<br><br>SU-B205S(5V)                                  |                                                                                       |
| 外觀形狀 Appearance               |                       |    |    |    |                                                                                       |
| 尺寸 Size (L×W×H) mm            |                       | 25.0 x 10.5 x 9.5                                                                   | 30.48 x 13.0 x 10.0                                                                 | 17.7 x 5.08 x 9.0                                                                    |                                                                                       |
| 回路接續圖<br>Figure.(TOP VIEW)    |                       |    |    |    |                                                                                       |
| 電氣規格                          | Contact Form          | 2 Form A                                                                            | 2 Form A                                                                            | 2 Form A                                                                             | 2 Form B                                                                              |
|                               | Coil Rating Voltage   | 5 V / 125Ω<br>12 V / 500Ω<br>24 V / 2000Ω                                           | 5 V / 150Ω<br>12 V / 750Ω<br>24 V / 3000Ω                                           | 5 V / 200Ω<br>12 V / 600Ω                                                            | 5 V / 150Ω                                                                            |
|                               | Contact Rating        | 50 W                                                                                | 50 W                                                                                | 10 W                                                                                 | 10 W                                                                                  |
|                               | Contact Current       | 1.0 Amp                                                                             | 1.0 Amp                                                                             | 0.5 Amp                                                                              | 0.5 Amp                                                                               |
|                               | Carry Current         | 2.8 Amp                                                                             | 2.0 Amp                                                                             | 1.0 Amp                                                                              | 1.0 Amp                                                                               |
|                               | Switching Voltage     | 350 VDC                                                                             | 350 VDC                                                                             | 100 VDC                                                                              | 100 VDC                                                                               |
|                               | Contact Voltage       | 400 VDC                                                                             | 500 VDC                                                                             | 200 VDC                                                                              | 200 VDC                                                                               |
|                               | Contact Resistance    | 150 mΩ                                                                              | 150 mΩ                                                                              | 150 mΩ                                                                               | 150 mΩ                                                                                |
|                               | Insulation Resistance | 10 <sup>10</sup> Ω min.                                                             | 10 <sup>12</sup> Ω min.                                                             | 10 <sup>11</sup> Ω min.                                                              | 10 <sup>11</sup> Ω min.                                                               |
|                               | Operate Time          | 1.5 mS                                                                              | 1.0 mS                                                                              | 0.35 mS                                                                              | 0.5 mS                                                                                |
|                               | Release Time          | 1.0 mS                                                                              | 1.0 mS                                                                              | 0.2 mS                                                                               | 0.5 mS                                                                                |
|                               | Operating temperature |                                                                                     |                                                                                     |                                                                                      |                                                                                       |
|                               | Reflow temperature    |                                                                                     |                                                                                     |                                                                                      |                                                                                       |
| 電氣壽命 (代表例)<br>Electrical Life |                       | DC.1.0V,10mA<br>1000×10 <sup>6</sup> (R負荷)                                          | DC.1.0V,10mA<br>100×10 <sup>6</sup> (R負荷)                                           | DC.1.0V,10mA<br>1000×10 <sup>6</sup> (R負荷)                                           | DC.1.0V,10mA<br>1000×10 <sup>6</sup> (R負荷)                                            |
| High-frequency response       |                       |                                                                                     |                                                                                     |                                                                                      |                                                                                       |
| 外觀尺寸                          | DIMENSION             |  |  |  |  |

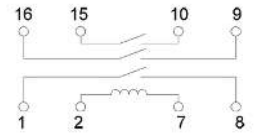
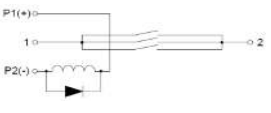
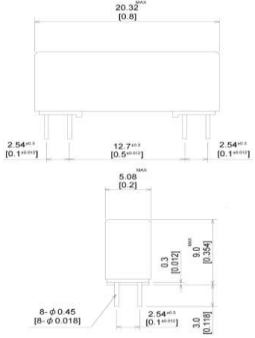
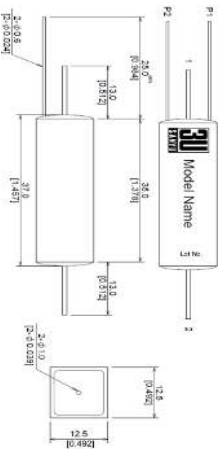
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|-------------------------------|-----------------------|---------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|
| TPM Part / No.                |                       | 6D-1C10N0-52(5V)<br>6D-1C20N0-52(12V)                                                 |                                                                                     |                                                                                      |
| SANYU Part / No.              |                       | SUT-1T05ND(5V)<br>SUT-1T12ND(12V)                                                     | MFS-E1T05G(5V)<br>MFS-E1T12G(12V)                                                   | UF-1T05(5V)<br>UF-1T12(12V)                                                          |
| 外觀形狀 Appearance               |                       |      |    |   |
| 尺寸 Size (L×W×H) mm            |                       | 17.78 x 5.08 x 9.0                                                                    | 5.08 x 5.08 x 19.5                                                                  | 7.6 x 4.9 x 11.0                                                                     |
| 回路接續圖<br>Figure.(TOP VIEW)    |                       |      |    |    |
| 電氣規格                          | Contact Form          | 1 Form C (1A+1B)                                                                      | 1 Form C                                                                            | 1 Form C (1A+1B)                                                                     |
|                               | Coil Rating Voltage   | 5 V / 70Ω<br>12 V / 400Ω                                                              | 5 V / 120Ω<br>12 V / 500Ω                                                           | 5 V / 110Ω<br>12 V / 550Ω                                                            |
|                               | Contact Rating        | 10 W                                                                                  | 3 W                                                                                 | 10 W                                                                                 |
|                               | Contact Current       | 0.5 Amp                                                                               | 0.2 Amp                                                                             | 0.5 Amp                                                                              |
|                               | Carry Current         | 1.0 Amp                                                                               | 0.5 Amp                                                                             | 1.0 Amp                                                                              |
|                               | Switching Voltage     | 100 VDC                                                                               | 100 VDC                                                                             | 200 VDC                                                                              |
|                               | Contact Voltage       | 200 VDC                                                                               | 200 VDC                                                                             | 200 VDC                                                                              |
|                               | Contact Resistance    | 150 mΩ                                                                                | 150 mΩ                                                                              | 170 mΩ                                                                               |
|                               | Insulation Resistance | 10 <sup>11</sup> Ω min.                                                               | 10 <sup>10</sup> Ω min.                                                             | 10 <sup>10</sup> Ω min.                                                              |
|                               | Operate Time          | 1.0 mS                                                                                | 1.0 mS                                                                              | 0.5 mS                                                                               |
|                               | Release Time          | 1.0 mS                                                                                | 2.0 mS                                                                              | 0.5 mS                                                                               |
|                               | Operating temperature |                                                                                       | -40°C to +125°C                                                                     |                                                                                      |
| 電氣壽命 (代表例)<br>Electrical Life |                       | DC.1.0V,10mA<br>1000×10 <sup>6</sup> (R負荷)                                            | DC.1.0V,10mA<br>50×10 <sup>6</sup> (R負荷)                                            | DC.1.0V,10mA<br>300×10 <sup>6</sup> (R負荷)                                            |
| High-frequency response       |                       |                                                                                       |                                                                                     | 2.0GHz @ -3dB                                                                        |
| 外觀尺寸                          | DIMENSION             |    |  |  |
|                               |                       |  |                                                                                     |                                                                                      |

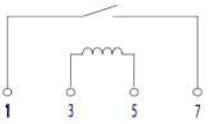
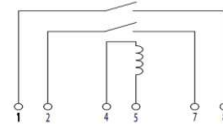
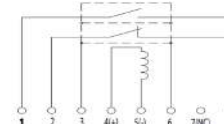
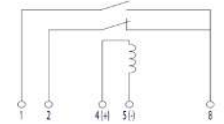
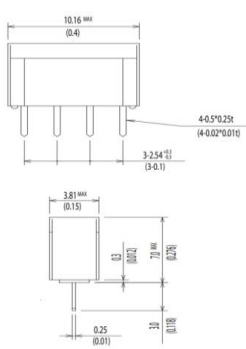
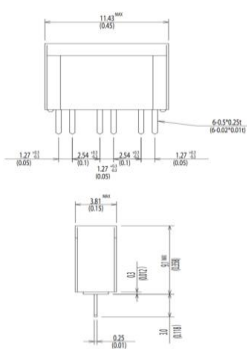
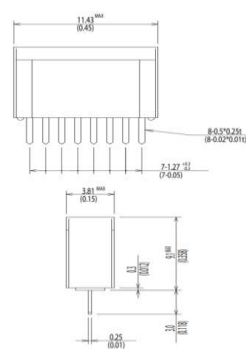
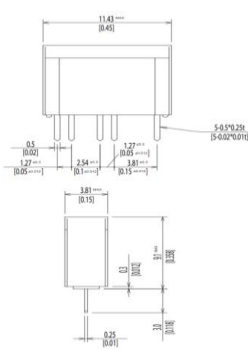


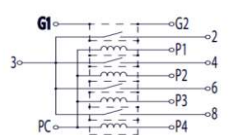
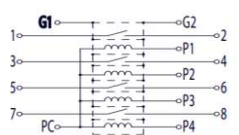
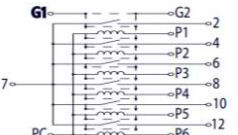
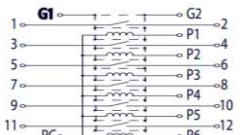
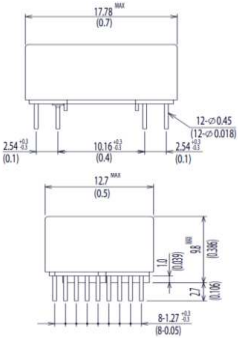
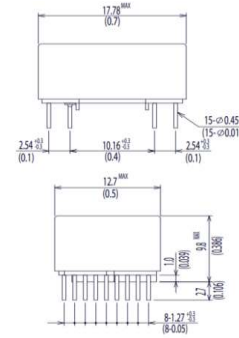
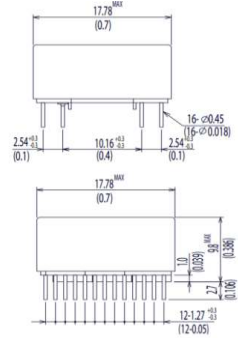
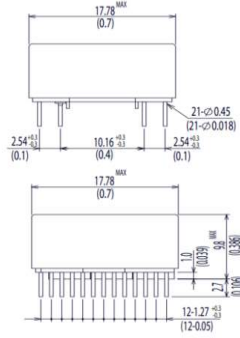
# PCB Through Hole Reed Relay

|                               |                       |                                           |                                                   |                                                      |                                          |
|-------------------------------|-----------------------|-------------------------------------------|---------------------------------------------------|------------------------------------------------------|------------------------------------------|
| TPM Part / No.                |                       | 20D-1C10N1(5V)<br>20D-1C20N1(12V)         |                                                   | 21D-1E12E0(5V)<br>21D-1E22E0(12V)<br>21D-1E32E0(24V) | 110D-1C10D0(5V)<br>110D-1C20D0(12V)      |
| SANYU Part / No.              |                       |                                           | ST-E1T05BD-40(5V)<br>ST-E1T12BD-40(12V)           | ST-105LDA(5V)<br>ST-112LDA(12V)<br>ST-124LDA(24V)    |                                          |
| 外觀形狀 Appearance               |                       |                                           |                                                   |                                                      |                                          |
| 尺寸 Size (L×W×H) mm            |                       | 20.3 x 5.0 x 6.0                          | 20.3 x 5.0 x 9.0                                  | 20.3 x 5.0 x 9.5                                     | 19.9 x 7.6 x 7.0                         |
| 回路接續圖<br>Figure.(TOP VIEW)    |                       |                                           |                                                   |                                                      |                                          |
| 電氣規格                          | Contact Form          | 1 Form C                                  | 1 Form C (1A+1B)                                  | 1 Form C (1A+1B)                                     | 1 Form C                                 |
|                               | Coil Rating Voltage   | 5 V / 150Ω<br>12 V / 900Ω                 | 5 V / 230Ω<br>12 V / 1000Ω                        | 5 V / 90Ω<br>12 V / 600Ω<br>24 V / 1800Ω             | 5 V / 200Ω<br>12 V / 500Ω                |
|                               | Contact Rating        | 3 W                                       | 10 W                                              | 10 W                                                 | 3 W                                      |
|                               | Contact Current       | 0.25 Amp                                  | 0.5 Amp                                           | 0.5 Amp                                              | 0.2 Amp                                  |
|                               | Carry Current         | 0.5 Amp                                   | <b>1.3 Amp</b>                                    | 1.0 Amp                                              | 0.5 Amp                                  |
|                               | Switching Voltage     | 100 VDC                                   | 200 VDC                                           | 100 VDC                                              | 30 VDC                                   |
|                               | Contact Voltage       | 200 VDC                                   | 300 VDC                                           | 200 VDC                                              | 200 VDC                                  |
|                               | Contact Resistance    | 150 mΩ                                    | 150 mΩ                                            | 150 mΩ                                               | 150 mΩ                                   |
|                               | Insulation Resistance | 10 <sup>11</sup> Ω min.                   | 10 <sup>12</sup> Ω min.                           | 10 <sup>10</sup> Ω min.                              | 10 <sup>10</sup> Ω min.                  |
|                               | Operate Time          | 1.0 mS                                    | 0.5 mS                                            | 1.0 mS                                               | 2.0 mS                                   |
|                               | Release Time          | 2.0 mS                                    | 0.5 mS                                            | 1.0 mS                                               | 2.2 mS                                   |
|                               | Operating temperature |                                           |                                                   |                                                      |                                          |
|                               | Reflow temperature    |                                           |                                                   |                                                      |                                          |
| 電氣壽命 (代表例)<br>Electrical Life |                       | DC.1.0V,10mA<br>100×10 <sup>6</sup> (R負荷) | <b>DC.1.0V,10mA<br/>1500×10<sup>6</sup> (R負荷)</b> | <b>DC.1.0V,10mA<br/>1000×10<sup>6</sup> (R負荷)</b>    | DC.1.0V,10mA<br>50×10 <sup>6</sup> (R負荷) |
| High-frequency response       |                       |                                           |                                                   |                                                      |                                          |
| 外觀尺寸                          | DIMENSION             |                                           |                                                   |                                                      |                                          |

|                               |                       |                                                                                                            |                                                                                                              |                                                                                                             |                                                                                       |
|-------------------------------|-----------------------|------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
| TPM Part / No.                |                       |                                                                                                            |                                                                                                              |                                                                                                             | 22D-2C10N0(5V)<br>22D-2C20N0(12V)                                                     |
| SANYU Part / No.              |                       | UC-2T05NA-01(5V)<br>UC-2T12NA-01(12V)                                                                      | UC-2T05NAY-01(5V)<br>UC-2T12NAY-01(12V)                                                                      | UC-2T05NAG-01(5V)<br>UC-2T12NAG-01(12V)                                                                     | ST-2C05A(5V)<br>ST-2C12A(12V)                                                         |
| 外觀形狀 Appearance               |                       |                           |                             |                          |    |
| 尺寸 Size (L×W×H) mm            |                       | 19.9 x 7.6 x 7.0                                                                                           | 19.9 x 7.6 x 7.0                                                                                             | 10.16 x 7.62 x 9.6                                                                                          | 20.3 x 5.0 x 9.2                                                                      |
| 回路接續圖<br>Figure.(TOP VIEW)    |                       |                           |                             |                          |    |
| 電氣規格                          | Contact Form          | 2 Form C (A+B)                                                                                             | 2 Form C (A+B)                                                                                               | 2 Form C (A+B)                                                                                              | 2 Form C (A+B)                                                                        |
|                               | Coil Rating Voltage   | 5 V / 150Ω<br>12 V / 600Ω                                                                                  | 5 V / 150Ω<br>12 V / 600Ω                                                                                    | 5 V / 150Ω<br>12 V / 800Ω                                                                                   | 5 V / 175Ω<br>12 V / 1000Ω                                                            |
|                               | Contact Rating        | 10 W                                                                                                       | 10 W                                                                                                         | 10 W                                                                                                        | 3 W                                                                                   |
|                               | Contact Current       | 0.5 Amp                                                                                                    | 0.5 Amp                                                                                                      | 0.5 Amp                                                                                                     | 0.2 Amp                                                                               |
|                               | Carry Current         | 1.0 Amp                                                                                                    | 1.0 Amp                                                                                                      | 1.0 Amp                                                                                                     | 0.5 Amp                                                                               |
|                               | Switching Voltage     | 100 VDC                                                                                                    | 100 VDC                                                                                                      | 100 VDC                                                                                                     | 100 VDC                                                                               |
|                               | Contact Voltage       | 200 VDC                                                                                                    | 200 VDC                                                                                                      | 200 VDC                                                                                                     | 200 VDC                                                                               |
|                               | Contact Resistance    | 150 mΩ                                                                                                     | 150 mΩ                                                                                                       | 150 mΩ                                                                                                      | 150 mΩ                                                                                |
|                               | Insulation Resistance | 10 <sup>11</sup> Ω min.                                                                                    | 10 <sup>11</sup> Ω min.                                                                                      | 10 <sup>11</sup> Ω min.                                                                                     | 10 <sup>10</sup> Ω min.                                                               |
|                               | Operate Time          | 0.3 mS                                                                                                     | 0.3 mS                                                                                                       | 0.3 mS                                                                                                      | 1.5 mS                                                                                |
|                               | Release Time          | 0.3 mS                                                                                                     | 0.3 mS                                                                                                       | 0.3 mS                                                                                                      | 2.0 mS                                                                                |
|                               | Operating temperature |                                                                                                            |                                                                                                              |                                                                                                             |                                                                                       |
|                               | Reflow temperature    |                                                                                                            |                                                                                                              | 245 °C<br>max for 40sec.                                                                                    |                                                                                       |
| 電氣壽命 (代表例)<br>Electrical Life |                       | DC.1.0V,10mA<br>300×10 <sup>6</sup> (R負荷)                                                                  | DC.1.0V,10mA<br>300×10 <sup>6</sup> (R負荷)                                                                    | DC.1.0V,10mA<br>300×10 <sup>6</sup> (R負荷)                                                                   | DC.1.0V,10mA<br>50×10 <sup>6</sup> (R負荷)                                              |
| High-frequency response       |                       |                                                                                                            |                                                                                                              |                                                                                                             |                                                                                       |
| 外觀尺寸                          | DIMENSION             | G6K-2P可參考，<br>腳位適用。<br> | G6K-2P-Y可參考，<br>腳位適用。<br> | G6K-2F可參考，<br>腳位適用。<br> |  |

|                               |                       |                                                                                     |                                                                                     |  |
|-------------------------------|-----------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|--|
| TPM Part / No.                |                       | 23E-3A20N2-52(12V)                                                                  |                                                                                     |  |
| SANYU Part / No.              |                       |                                                                                     | USM-36324D-60(24V)                                                                  |  |
| 外觀形狀 Appearance               |                       |    |    |  |
| 尺寸 Size (L×W×H) mm            |                       | 20.3 x 5.0 x 9.0                                                                    | 37.0 x 12.5 x 12.5                                                                  |  |
| 回路接續圖<br>Figure.(TOP VIEW)    |                       |    |    |  |
| 電氣規格                          | Contact Form          | 3 Form A                                                                            | 1 Form A                                                                            |  |
|                               | Coil Rating Voltage   | 12 V / 700Ω                                                                         | 24 V / 1500Ω                                                                        |  |
|                               | Contact Rating        | 10 W                                                                                | 100 W                                                                               |  |
|                               | Contact Current       | 0.5 Amp                                                                             | 1.5 Amp                                                                             |  |
|                               | Carry Current         | 1.0 Amp                                                                             | 5.0 Amp                                                                             |  |
|                               | Switching Voltage     | 100 VDC                                                                             | 1500 VDC                                                                            |  |
|                               | Contact Voltage       | 250 VDC                                                                             | 2000 VDC                                                                            |  |
|                               | Contact Resistance    | 150 mΩ                                                                              | 60 mΩ                                                                               |  |
|                               | Insulation Resistance | 10 <sup>12</sup> Ω min.                                                             | 10 <sup>12</sup> Ω min.                                                             |  |
|                               | Operate Time          | 0.5 mS                                                                              | 2.0 mS                                                                              |  |
|                               | Release Time          | 0.25 mS                                                                             | 2.0 mS                                                                              |  |
|                               | Operating temperature | -40 °C to +125 °C                                                                   |                                                                                     |  |
|                               | Reflow temperature    |                                                                                     |                                                                                     |  |
| 電氣壽命 (代表例)<br>Electrical Life |                       | DC.1.0V,10mA<br>300×10 <sup>6</sup> (R負荷)                                           | DC.1.0V,10mA<br>100×10 <sup>6</sup> (R負荷)                                           |  |
| High-frequency response       |                       |                                                                                     |                                                                                     |  |
| 外觀尺寸                          | DIMENSION             |  |  |  |

| TPM Part / No.                |                       | 104E-1A10N2(5V)<br>104E-1A20N2(12V)                                                 | 104E-2A10N2(5V)<br>104E-2A20N2(12V)                                                 | 104E-1T12N1(5V)<br>104E-1T22N1(12V)                                                  | 104E-1T10N2(5V)<br>104E-1T20N2(12V)<br>(DC Performance)                               |
|-------------------------------|-----------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
| SANYU Part / No.              |                       |                                                                                     |                                                                                     |                                                                                      |                                                                                       |
| 外觀形狀 Appearance               |                       |    |    |   |    |
| 尺寸 Size (L×W×H) mm            |                       | 10.16 x 3.81 x 7.0                                                                  | 11.43 x 3.81 x 9.1                                                                  | 11.43 x 3.81 x 9.1                                                                   | 11.43 x 3.81 x 9.1                                                                    |
| 回路接續圖<br>Figure.(TOP VIEW)    |                       |    |    |    |    |
| 電氣規格                          | Contact Form          | 1 Form A                                                                            | 2 Form A                                                                            | 1 Form C (1A+1B)                                                                     | 1 Form C (1A+1B)                                                                      |
|                               | Coil Rating Voltage   | 5 V / 250Ω<br>12 V / 800Ω                                                           | 5 V / 100Ω<br>12 V / 600Ω                                                           | 5 V / 80Ω<br>12 V / 500Ω                                                             | 5 V / 80Ω<br>12 V / 500Ω                                                              |
|                               | Contact Rating        | 10 W                                                                                | 10 W                                                                                | 10 W                                                                                 | 10 W                                                                                  |
|                               | Contact Current       | 0.5 Amp                                                                             | 0.5 Amp                                                                             | 0.5 Amp                                                                              | 0.5 Amp                                                                               |
|                               | Carry Current         | 1.0 Amp                                                                             | 1.0 Amp                                                                             | 1.0 Amp                                                                              | 1.0 Amp                                                                               |
|                               | Switching Voltage     | 100 VDC                                                                             | 100 VDC                                                                             | 100 VDC                                                                              | 100 VDC                                                                               |
|                               | Contact Voltage       | 250 VDC                                                                             | 200 VDC                                                                             | 200 VDC                                                                              | 200 VDC                                                                               |
|                               | Contact Resistance    | 200 mΩ                                                                              | 200 mΩ                                                                              | 200 mΩ                                                                               | 200 mΩ                                                                                |
|                               | Insulation Resistance | 10 <sup>12</sup> Ω min.                                                             | 10 <sup>12</sup> Ω min.                                                             | 10 <sup>11</sup> Ω min.                                                              | 10 <sup>12</sup> Ω min.                                                               |
|                               | Operate Time          | 0.35 mS                                                                             | 0.35 mS                                                                             | 0.5 mS                                                                               | 0.5 mS                                                                                |
|                               | Release Time          | 0.25 mS                                                                             | 0.25 mS                                                                             | 0.5 mS                                                                               | 0.5 mS                                                                                |
|                               | Operating temperature |                                                                                     |                                                                                     |                                                                                      |                                                                                       |
|                               | Reflow temperature    |                                                                                     |                                                                                     |                                                                                      |                                                                                       |
| 電氣壽命 (代表例)<br>Electrical Life |                       | DC.1.0V,10mA<br>300×10 <sup>6</sup> (R負荷)                                           | DC.1.0V,10mA<br>300×10 <sup>6</sup> (R負荷)                                           | DC.1.0V,10mA<br>300×10 <sup>6</sup> (R負荷)                                            | DC.1.0V,10mA<br>300×10 <sup>6</sup> (R負荷)                                             |
| High-frequency response       |                       |                                                                                     |                                                                                     |                                                                                      |                                                                                       |
| 外觀尺寸                          | DIMENSION             |  |  |  |  |

|                               |                       |                                                                                     |                                                                                     |                                                                                      |                                                                                       |
|-------------------------------|-----------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
| TPM Part / No.                |                       | 40D-4A12N1(5V)<br>40D-4A22N1(12V)                                                   | 42D-4A12N1(5V)<br>42D-4A22N1(12V)                                                   | 40D-6A12N1(5V)<br>40D-6A22N1(12V)                                                    | 43D-6A12N1(5V)<br>43D-6A22N1(12V)                                                     |
| SANYU Part / No.              |                       | SSP-1405RFA(5V)<br>SSP-1412RFA(12V)                                                 |                                                                                     |                                                                                      |                                                                                       |
| 外觀形狀 Appearance               |                       |    |    |    |    |
| 尺寸 Size (L×W×H) mm            |                       | 17.7 x 12.7 x 9.8                                                                   | 17.7 x 12.7 x 9.8                                                                   | 17.7 x 17.7 x 9.8                                                                    | 17.7 x 17.7 x 9.8                                                                     |
| 回路接續圖<br>Figure.(TOP VIEW)    |                       |    |    |    |    |
| 電氣規格                          | Contact Form          | 4 Form A (1-4, 4Drives)                                                             | 4 Form A (4-4, 4Drives)                                                             | 6 Form A (1-6, 6Drives)                                                              | 6 Form A (6-6, 6Drives)                                                               |
|                               | Coil Rating Voltage   | 5 V / 120Ω<br>12 V / 600Ω                                                           | 5 V / 120Ω<br>12 V / 600Ω                                                           | 5 V / 120Ω<br>12 V / 600Ω                                                            | 5 V / 120Ω<br>12 V / 600Ω                                                             |
|                               | Contact Rating        | 10 W                                                                                | 10 W                                                                                | 10 W                                                                                 | 10 W                                                                                  |
|                               | Contact Current       | 0.5 Amp                                                                             | 0.5 Amp                                                                             | 0.5 Amp                                                                              | 0.5 Amp                                                                               |
|                               | Carry Current         | 1.0 Amp                                                                             | 1.0 Amp                                                                             | 1.0 Amp                                                                              | 1.0 Amp                                                                               |
|                               | Switching Voltage     | 100 VDC                                                                             | 100 VDC                                                                             | 100 VDC                                                                              | 100 VDC                                                                               |
|                               | Contact Voltage       | 200 VDC                                                                             | 200 VDC                                                                             | 200 VDC                                                                              | 200 VDC                                                                               |
|                               | Contact Resistance    | 150 mΩ                                                                              | 150 mΩ                                                                              | 150 mΩ                                                                               | 150 mΩ                                                                                |
|                               | Insulation Resistance | 10 <sup>11</sup> Ω min.                                                             | 10 <sup>11</sup> Ω min.                                                             | 10 <sup>11</sup> Ω min.                                                              | 10 <sup>11</sup> Ω min.                                                               |
|                               | Operate Time          | 0.35 mS                                                                             | 0.35 mS                                                                             | 0.35 mS                                                                              | 0.35 mS                                                                               |
|                               | Release Time          | 0.25 mS                                                                             | 0.25 mS                                                                             | 0.25 mS                                                                              | 0.25 mS                                                                               |
|                               | Operating temperature |                                                                                     |                                                                                     |                                                                                      |                                                                                       |
|                               | Reflow temperature    |                                                                                     |                                                                                     |                                                                                      |                                                                                       |
| 電氣壽命 (代表例)<br>Electrical Life |                       | DC.1.0V,10mA<br>1000×10 <sup>6</sup> (R負荷)                                          | DC.1.0V,10mA<br>1000×10 <sup>6</sup> (R負荷)                                          | DC.1.0V,10mA<br>1000×10 <sup>6</sup> (R負荷)                                           | DC.1.0V,10mA<br>1000×10 <sup>6</sup> (R負荷)                                            |
| High-frequency response       |                       |                                                                                     |                                                                                     |                                                                                      |                                                                                       |
| 外觀尺寸                          | DIMENSION             |  |  |  |  |