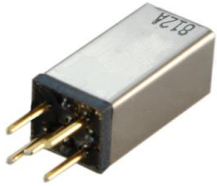


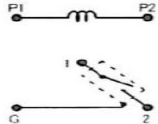
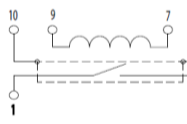
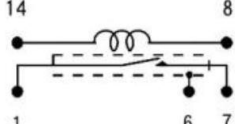
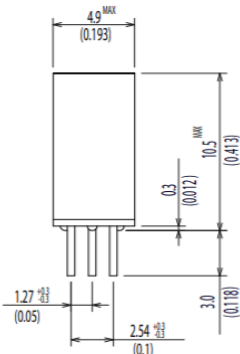
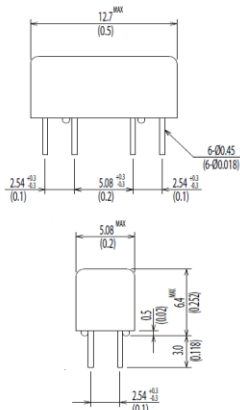
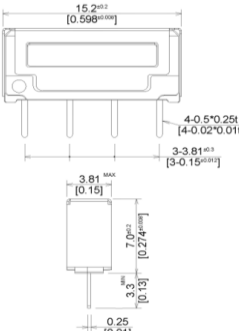
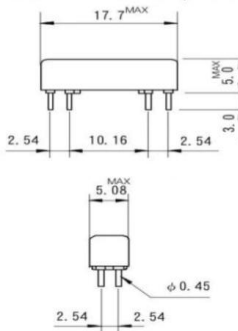




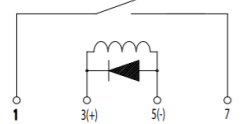
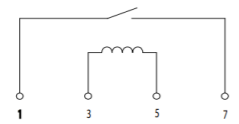
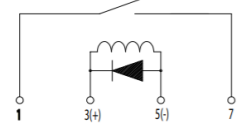
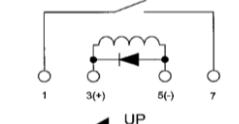
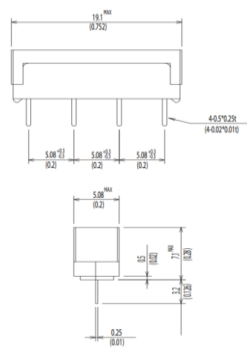
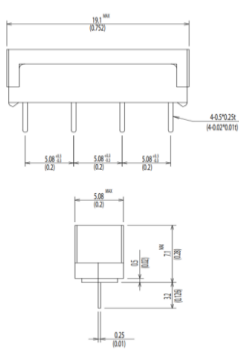
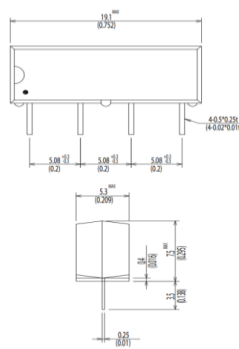
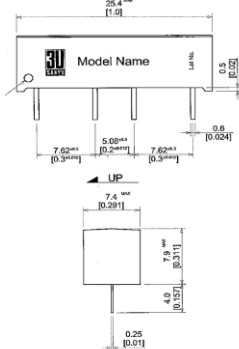




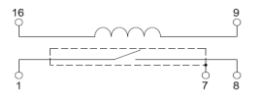
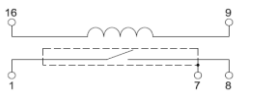
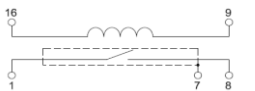
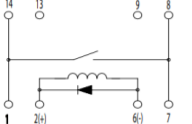
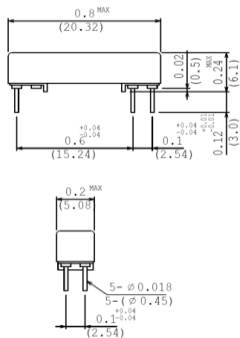
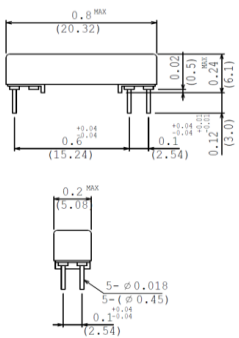
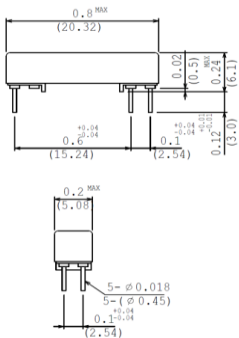
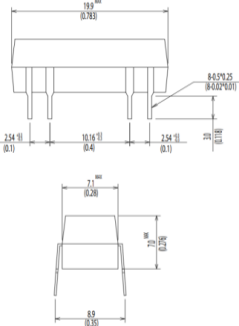


TPM Part / No.	5D-1A10N0(5V)	6D-1A10N0(5V) 6D-1A20N0(12V)	6D-1A10D0(5V) 6D-1A20D0(12V)		
SANYU Part / No.	MF-105NL(5V)	MFS-105N(5V) MFS-112N(12V)	MFS-105D(5V) MFS-112D(12V)	MFS-E105D(5V) MFS-E112D(12V)	
外觀形狀 Appearance					
尺寸 Size (LxWxH) mm	4.3 x 4.3 x 11.3	4.9 x 4.9 x 10.5	4.9 x 4.9 x 10.5	4.9 x 4.9 x 10.5	
回路接續圖 Figure.(TOP VIEW)					
電氣規格	Contact Form	1 Form A	1 Form A	1 Form A	
	Coil Rating Voltage	5 V / 150Ω	5 V / 150Ω 12 V / 600Ω	5 V / 150Ω 12 V / 600Ω	5 V / 150Ω 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) Electrical Life	DC.1.0V,10mA 300×10 <sup>6</sup> (R負荷)	DC.1.0V,10mA 300×10 <sup>6</sup> (R負荷)	DC.1.0V,10mA 300×10 <sup>6</sup> (R負荷)	DC.1.0V,10mA 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					





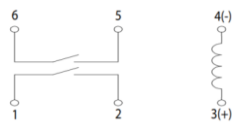
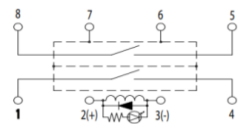
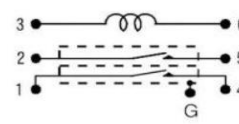
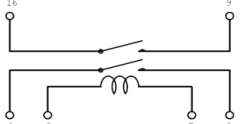
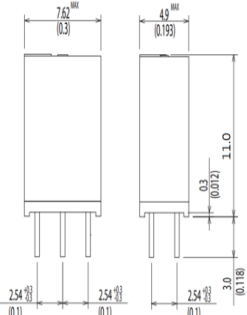
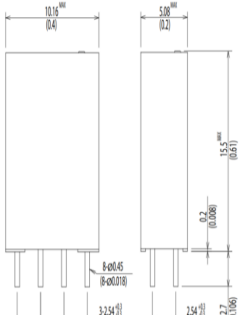
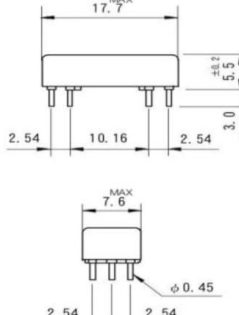
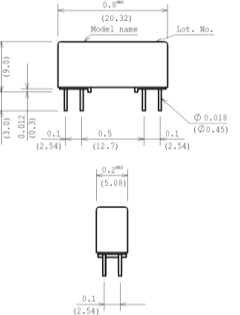
TPM Part / No.		7D-1A12N0(5V) 7D-1A22N0(12V)	101E-1A10N2(5V) 101E-1A20N2(12V)	
SANYU Part / No.		MFS-E105G(5V) MFS-E112G(12V)	JS-105S-02(5V) JS-112S-02(12V)	SU-105S(5V) SU-112S(12V)
外觀形狀 Appearance				
尺寸 Size (LxWxH) mm		4.9 x 4.9 x 10.5	12.7 x 5.0 x 6.4	15.2 x 3.8 x 7.0
回路接續圖 Figure.(TOP VIEW)				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



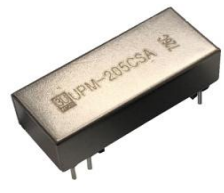

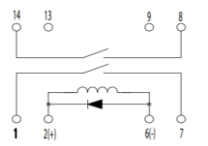
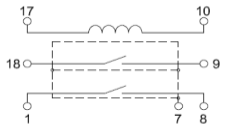
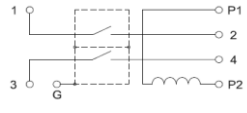
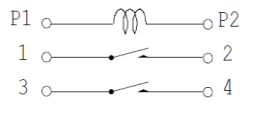
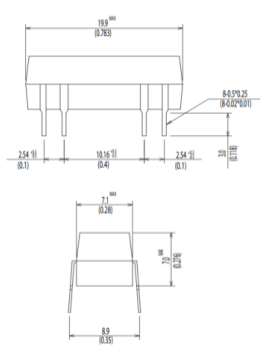
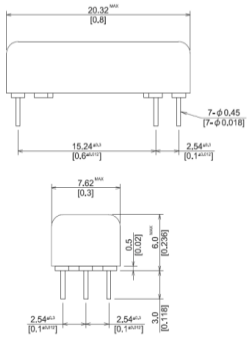
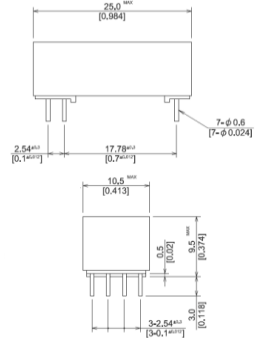
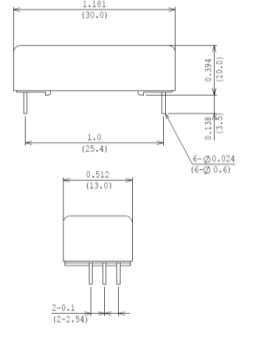
TPM Part / No.		102R-1A20D2-40(12V)	102E-1A10N2(5V) 102E-1A20N2(12V)		
SANYU Part / No.				J-105XD(5V)	J-14324YAD(24V)
外觀形狀 Appearance					
尺寸 Size (LxWxH) mm		19.1 x 5.0 x 7.1	19.1 x 5.0 x 7.1	19.1 x 5.3 x 7.0	25.4 x 7.4 x 7.9
回路接續圖 Figure.(TOP VIEW)					
電氣規格	Contact Form	1 Form A	1 Form A	1 Form A	1 Form A
	Coil Rating Voltage	12 V / 1000Ω	5 V / 500Ω 12 V / 1000Ω	5 V / 500Ω	24 V / 1440Ω
	Contact Rating	10 W	<b>30 W</b>	10 W	<b>50 W</b>
	Contact Current	0.5 Amp	0.5 Amp	0.5 Amp	<b>1.0 Amp</b>
	Carry Current	<b>1.6 Amp</b>	<b>1.3 Amp</b>	1.0 Amp	<b>5.2 Amp</b>
	Switching Voltage	200 VDC	200 VDC	100 VDC	<b>500 VDC</b>
	Contact Voltage	300 VDC	300 VDC	200 VDC	<b>2000 VDC</b>
	Contact Resistance	150 mΩ	150 mΩ	150 mΩ	100 mΩ
	Insulation Resistance	10 <sup>12</sup> Ω min.	10 <sup>12</sup> Ω min.	10 <sup>10</sup> Ω min.	10 <sup>10</sup> Ω min.
	Operate Time	0.35 mS	0.3 mS	0.5 mS	2.0 mS
	Release Time	0.25 mS	0.2 mS	0.5 mS	2.0 mS
	Operating temperature				
Reflow temperature					
電氣壽命 (代表例) Electrical Life		<b>DC.1.0V,10mA</b> <b>1500×10<sup>6</sup> (R負荷)</b>	<b>DC.1.0V,10mA</b> <b>1500×10<sup>6</sup> (R負荷)</b>	DC.1.0V,10mA 100×10 <sup>6</sup> (R負荷)	<b>DC.1.0V,10mA</b> <b>1000×10<sup>6</sup> (R負荷)</b>
High-frequency response					
外觀尺寸	DIMENSION				





TPM Part / No.		20R-1A11N1(5V) 20R-1A21N1(12V) 20R-1A31N1(24V)		20H-1A11N3-60(5V) 20H-1A21N3-60(12V)	110D-1A10D0(5V) 110D-1A20D0(12V)
SANYU Part / No.			S-E105N(5V) S-E112N(12V)		
外觀形狀 Appearance					
尺寸 Size (LxWxH) mm		20.3 x 5.0 x 6.1	20.3 x 5.0 x 6.1	20.3 x 5.0 x 6.1	19.9 x 7.1 x 7.0
回路接續圖 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 / 160Ω 12 V / 600Ω 24 V / 1800Ω	5 V / 160Ω 12 V / 600Ω	5 V / 160Ω 12 V / 600Ω	5 V / 500Ω 12 V / 1000Ω
	Contact Rating	10 W	<b>30 W</b>	10 W	10 W
	Contact Current	0.5 Amp	0.5 Amp	0.5 Amp	0.5 Amp
	Carry Current	1.0 Amp	<b>1.3 Amp</b>	1.0 Amp	1.0 Amp
	Switching Voltage	200 VDC	200 VDC	<b>500 VDC</b>	100 VDC
	Contact Voltage	300 VDC	300 VDC	<b>1500 VDC</b>	200 VDC
	Contact Resistance	150 mΩ	150 mΩ	200 mΩ	150 mΩ
	Insulation Resistance	10 <sup>11</sup> Ω min.	10 <sup>11</sup> Ω min.	10 <sup>13</sup> Ω min.	10 <sup>10</sup> Ω min.
	Operate Time	0.35 mS	0.35 mS	0.5 mS	1.0 mS
	Release Time	0.25 mS	0.2 mS	0.2 mS	1.0 mS
	Operating temperature				
Reflow temperature					
電氣壽命 (代表例) Electrical Life		<b>DC.1.0V,10mA</b> <b>1000×10<sup>6</sup> (R負荷)</b>	<b>DC.1.0V,10mA</b> <b>1500×10<sup>6</sup> (R負荷)</b>	DC.1.0V,10mA 500×10 <sup>6</sup> (R負荷)	DC.1.0V,10mA 100×10 <sup>6</sup> (R負荷)
High-frequency response					
外觀尺寸	DIMENSION				

TPM Part / No.		<b>100H-1A10N2-60(5V)</b> <b>100H-1A20N2-60(12V)</b> <b>100H-1A30N2-60(24V)</b>							
SANYU Part / No.		<b>J-19105YK(5V)</b> <b>J-19112YK(12V)</b> <b>J-19124YK(24V)</b>		<b>SL-19105(5V)</b> <b>SL-19112(12V)</b>		<b>SL-19105GB(5V)</b> <b>SL-19112GB(12V)</b>		<b>UPM-19105YHL(5V)</b> <b>UPM-19112YHL(12V)</b> <b>UPM-19124YHL(24V)</b>	
外觀形狀 Appearance									
尺寸 Size (LxWxH) mm		25.8 x 7.8 x 7.9		35.5 x 6.3 x 6.8		35.5 x 6.3 x 6.8		30.2 x 9.5 x 10.2	
回路接續圖 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 / 220Ω 12 V / 800Ω 24 V / 3000Ω		5 V / 180Ω 12 V / 1050Ω		5 V / 180Ω 12 V / 1050Ω		5 V / 120Ω 12 V / 600Ω 24 V / 1800Ω	
	Contact Rating	<b>100 W</b>		<b>100W</b>		<b>100W</b>		<b>100 W</b>	
	Contact Current	<b>1.0 Amp</b>		<b>1.0 Amp</b>		<b>1.0 Amp</b>		<b>1.0 Amp</b>	
	Carry Current	<b>2.8 Amp</b>		<b>2.5 Amp</b>		<b>2.5 Amp</b>		<b>2.8 Amp</b>	
	Switching Voltage	<b>1000 VDC</b>		<b>1000 VDC</b>		<b>1000 VDC</b>		<b>1000 VDC</b>	
	Contact Voltage	<b>2500 VDC</b>		<b>1500 VDC</b>		<b>1500 VDC</b>		<b>2500 VDC</b>	
	Contact Resistance	150 mΩ		150 mΩ		150 mΩ		150 mΩ	
	Insulation Resistance	10 <sup>11</sup> Ω min.		10 <sup>10</sup> Ω min.		10 <sup>12</sup> Ω min.		10 <sup>10</sup> Ω min.	
	Operate Time	1.0 mS		1.0 mS		1.0 mS		1.5 mS	
	Release Time	1.0 mS		1.0 mS		1.0 mS		1.5 mS	
	Operating temperature								
Reflow temperature									
電氣壽命 (代表例) Electrical Life		DC.1.0V,10mA 100×10 <sup>6</sup> (R負荷)		DC.1.0V,10mA 100×10 <sup>6</sup> (R負荷)		DC.1.0V,10mA 100×10 <sup>6</sup> (R負荷)		DC.1.0V,10mA 100×10 <sup>6</sup> (R負荷)	
High-frequency response									
外觀尺寸	DIMENSION								





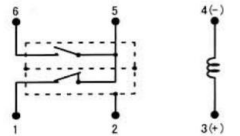
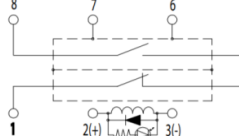
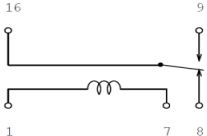
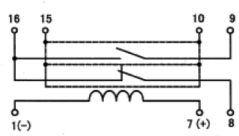
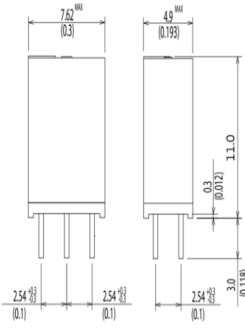
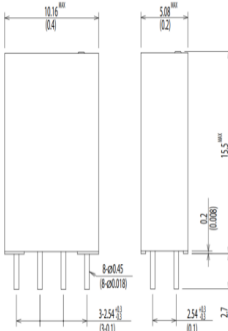
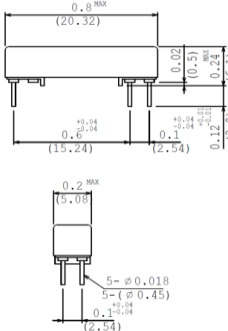
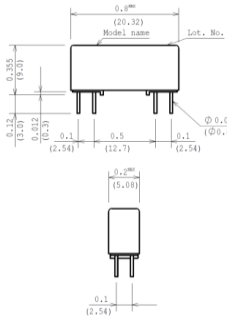





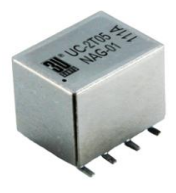
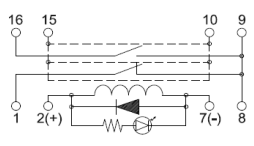
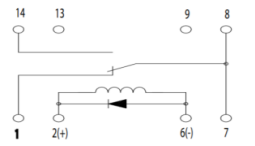
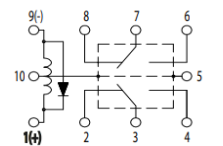
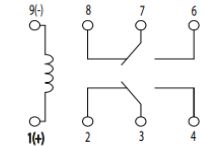
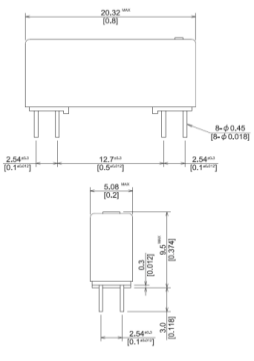
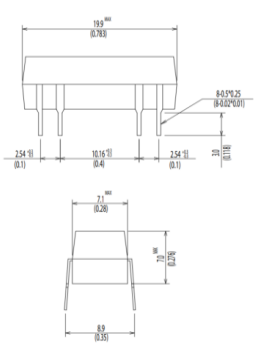
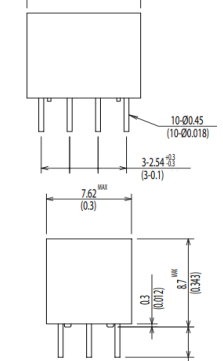
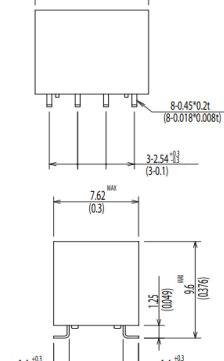
TPM Part / No.					<b>23R-2A10N2(5V)</b> <b>23R-2A20N2(12V)</b>
SANYU Part / No.		<b>MFS-E2A05N(5V)</b> <b>MFS-E2A12N(12V)</b>	<b>UF-2A05(5V)</b> <b>UF-2A12(12V)</b>	<b>SU-R205S(5V)</b> <b>SU-R212S(12V)</b>	
外觀形狀 Appearance					
尺寸 Size (LxWxH) mm		<b>7.6 x 4.9 x 11.0</b>	10.1 x 5.0 x 15.5	17.7 x 7.6 x 5.5	20.3 x 5.0 x 9.0
回路接續圖 Figure.(TOP VIEW)					
電氣規格	Contact Form	2 Form A	2 Form A	2 Form A	2 Form A
	Coil Rating Voltage	5 V / 110Ω 12 V / 550Ω	5 V / 180Ω 12 V / 680Ω	5 V / 150Ω 12 V / 600Ω	5 V / 175Ω 12 V / 1000Ω
	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	200 VDC	200 VDC	200 VDC
	Contact Voltage	200 VDC	200 VDC	250 VDC	250 VDC
	Contact Resistance	170 mΩ	150 mΩ	150 mΩ	150 mΩ
	Insulation Resistance	10 <sup>10</sup> Ω min.	10 <sup>10</sup> Ω min.	10 <sup>11</sup> Ω min.	10 <sup>12</sup> Ω min.
	Operate Time	0.5 mS	0.5 mS	0.5 mS	0.5 mS
	Release Time	0.5 mS	0.5 mS	0.5 mS	0.15 mS
	Operating temperature				
Reflow temperature					
電氣壽命 (代表例) Electrical Life		DC.1.0V,10mA 300×10 <sup>6</sup> (R負荷)	DC.1.0V,10mA 100×10 <sup>6</sup> (R負荷)	DC.1.0V,10mA 1.5×10 <sup>9</sup> (R負荷)	<b>DC.1.0V,10mA</b> <b>1000×10<sup>6</sup> (R負荷)</b>
High-frequency response		2.0GHz @ -3dB			
外觀尺寸 DIMENSION					


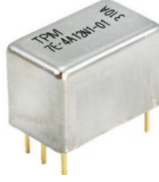


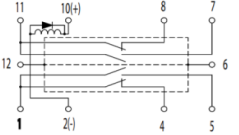
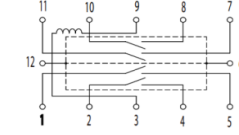
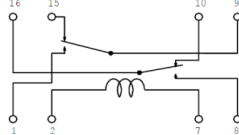
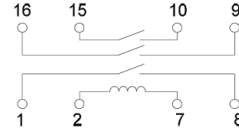
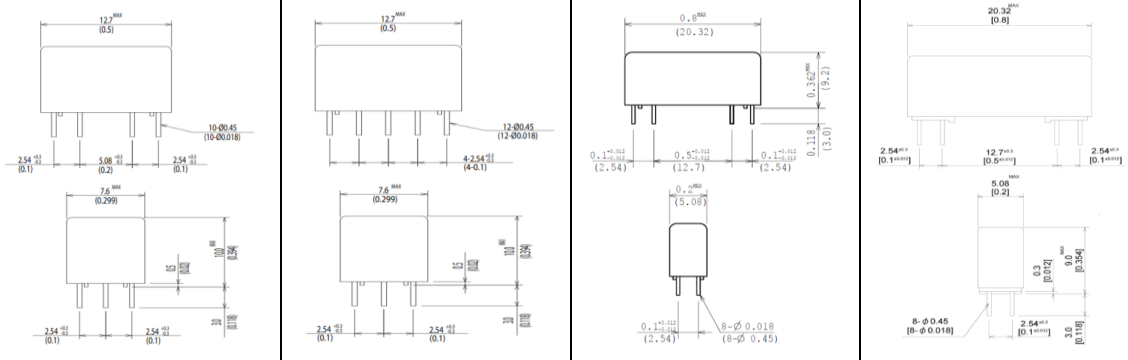
TPM Part / No.	110D-2A10D0(5V) 110D-2A20D0(12V)	20R-2A11N1(5V) 20R-2A21N1(12V) 20R-2A31N1(24V)		51D-2A10N2(5V) 51D-2A20N2(12V) 51D-2A30N2(24V)	
SANYU Part / No.			UPM-205CSA(5V) UPM-212CSA(12V) UPM-224CSA(24V)		
外觀形狀 Appearance					
尺寸 Size (LxWxH) mm	19.9 x 7.1 x 7.0	20.3 x 7.6 x 6.0	25.0 x 10.5 x 9.5	30.48 x 13.0 x 10.0	
回路接續圖 Figure.(TOP VIEW)					
電氣規格	Contact Form	2 Form A	2 Form A	2 Form A	2 Form A
	Coil Rating Voltage	5 V / 140Ω 12 V / 500Ω	5 V / 150Ω 12 V / 600Ω 24 V / 2000Ω	5 V / 125Ω 12 V / 500Ω 24 V / 2000Ω	5 V / 150Ω 12 V / 750Ω 24 V / 3000Ω
	Contact Rating	10 W	10 W	<b>50 W</b>	<b>50 W</b>
	Contact Current	0.5 Amp	0.5 Amp	<b>1.0 Amp</b>	<b>1.0 Amp</b>
	Carry Current	1.0 Amp	<b>1.6 Amp</b>	<b>2.8 Amp</b>	<b>2.0 Amp</b>
	Switching Voltage	100 VDC	200 VDC	<b>350 VDC</b>	350 VDC
	Contact Voltage	200 VDC	300 VDC	<b>400 VDC</b>	500 VDC
	Contact Resistance	150 mΩ	150 mΩ	150 mΩ	150 mΩ
	Insulation Resistance	10 <sup>10</sup> Ω min.	10 <sup>11</sup> Ω min.	10 <sup>10</sup> Ω min.	10 <sup>12</sup> Ω min.
	Operate Time	1.0 mS	0.5 mS	1.5 mS	1.0 mS
	Release Time	1.0 mS	0.3 mS	1.0 mS	1.0 mS
	Operating temperature				
Reflow temperature					
電氣壽命 (代表例) Electrical Life	DC.1.0V,10mA 100×10 <sup>6</sup> (R負荷)	<b>DC.1.0V,10mA 1500×10<sup>6</sup> (R負荷)</b>	<b>DC.1.0V,10mA 1000×10<sup>6</sup> (R負荷)</b>	DC.1.0V,10mA 100×10 <sup>6</sup> (R負荷)	
High-frequency response					
外觀尺寸 DIMENSION					
					
					





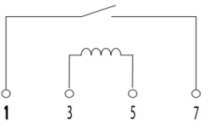
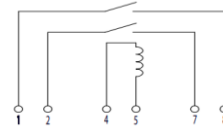
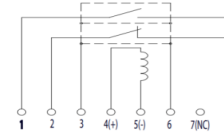
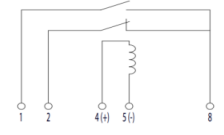
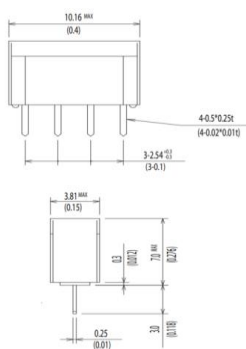
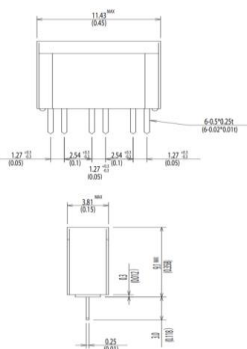
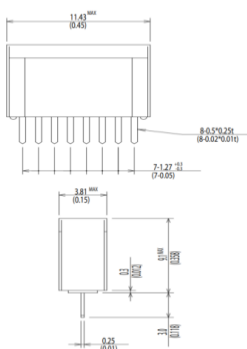
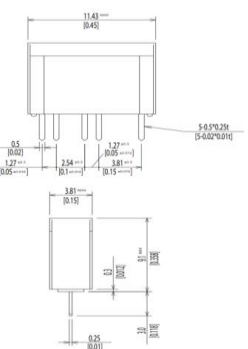
TPM Part / No.					<b>6D-1C10N0-52(5V)</b> <b>6D-1C20N0-52(12V)</b>
SANYU Part / No.		<b>SUH-2205G(5V)</b> <b>SUH-2212G(12V)</b>	<b>SU-B205S(5V)</b>	<b>SUT-1T05ND(5V)</b> <b>SUT-1T12ND(12V)</b>	
外觀形狀 Appearance					
尺寸 Size (LxWxH) mm		17.7 x 5.08 x 9.0	17.7 x 7.6 x 5.5	17.78 x 5.08 x 9.0	<b>5.08 x 5.08 x 19.5</b>
回路接續圖 Figure.(TOP VIEW)					
電氣規格	Contact Form	2 Form A	<b>2 Form B</b>	1 Form C (1A+1B)	1 Form C
	Coil Rating Voltage	5 V / 200Ω 12 V / 600Ω	5 V / 150Ω	5 V / 70Ω 12 V / 400Ω	5 V / 120Ω 12 V / 500Ω
	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	0.35 mS	0.5 mS	1.0 mS	1.0 mS
	Release Time	0.2 mS	0.5 mS	1.0 mS	2.0 mS
	Operating temperature				<b>-40°C to +125°C</b>
	Reflow temperature				
電氣壽命 (代表例) Electrical Life		<b>DC.1.0V,10mA</b> <b>1000×10<sup>6</sup> (R負荷)</b>	<b>DC.1.0V,10mA</b> <b>1000×10<sup>6</sup> (R負荷)</b>	<b>DC.1.0V,10mA</b> <b>1000×10<sup>6</sup> (R負荷)</b>	DC.1.0V,10mA 50×10 <sup>6</sup> (R負荷)
High-frequency response					
外觀尺寸 DIMENSION					





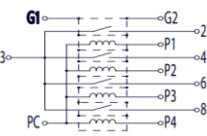
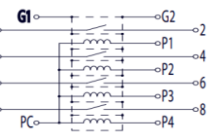
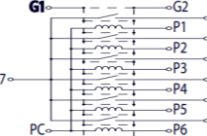
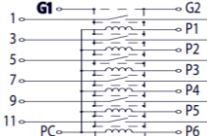


TPM Part / No.				<b>20D-1C10N1(5V)</b> <b>20D-1C20N1(12V)</b>	
SANYU Part / No.		<b>MFS-E1T05G(5V)</b> <b>MFS-E1T12G(12V)</b>	<b>UF-1T05(5V)</b> <b>UF-1T12(12V)</b>		<b>ST-E1T05BD-40(5V)</b> <b>ST-E1T12BD-40(12V)</b>
外觀形狀 Appearance					
尺寸 Size (LxWxH) mm		<b>7.6 x 4.9 x 11.0</b>	10.1 x 5.0 x 15.5	20.3 x 5.0 x 6.0	20.3 x 5.0 x 9.0
回路接續圖 Figure.(TOP VIEW)					
電氣規格	Contact Form	1 Form C (1A+1B)	1 Form C (1A+1B)	1 Form C	1 Form C (1A+1B)
	Coil Rating Voltage	5 V / 110Ω 12 V / 550Ω	5 V / 130Ω 12 V / 680Ω	5 V / 150Ω 12 V / 900Ω	5 V / 230Ω 12 V / 1000Ω
	Contact Rating	10 W	10 W	3 W	10 W
	Contact Current	0.5 Amp	0.5 Amp	0.25 Amp	0.5 Amp
	Carry Current	1.0 Amp	1.0 Amp	0.5 Amp	<b>1.3 Amp</b>
	Switching Voltage	100 VDC	200 VDC	100 VDC	200 VDC
	Contact Voltage	200 VDC	200 VDC	200 VDC	300 VDC
	Contact Resistance	170 mΩ	150 mΩ	150 mΩ	150 mΩ
	Insulation Resistance	10 <sup>10</sup> Ω min.	10 <sup>10</sup> Ω min.	10 <sup>11</sup> Ω min.	10 <sup>12</sup> Ω min.
	Operate Time	0.5 mS	1.0 mS	1.0 mS	0.5 mS
	Release Time	0.5 mS	1.0 mS	2.0 mS	0.5 mS
	Operating temperature				
Reflow temperature					
電氣壽命 (代表例) Electrical Life		DC.1.0V,10mA 300×10 <sup>6</sup> (R負荷)	DC.1.0V,10mA 100×10 <sup>6</sup> (R負荷)	DC.1.0V,10mA 100×10 <sup>6</sup> (R負荷)	<b>DC.1.0V,10mA</b> <b>1500×10<sup>6</sup> (R負荷)</b>
High-frequency response		2.0GHz @ -3dB			
外觀尺寸 DIMENSION					

TPM Part / No.		21D-1E12E0(5V) 21D-1E22E0(12V) 21D-1E32E0(24V)	110D-1C10D0(5V) 110D-1C20D0(12V)		
SANYU Part / No.		ST-105LDA(5V) ST-112LDA(12V) ST-124LDA(24V)		UC-2T05ZA-01(5V) UC-2T12ZA-01(12V)	UC-2T05NAG-01(5V) UC-2T12NAG-01(12V)
外觀形狀 Appearance					
尺寸 Size (LxWxH) mm		20.3 x 5.0 x 9.5	19.9 x 7.6 x 7.0	10.16 x 7.62 x 8.7	10.16 x 7.62 x 9.6
回路接續圖 Figure.(TOP VIEW)					
電氣規格	Contact Form	1 Form C (1A+1B)	1 Form C	2 Form C (A+B)	2 Form C (A+B)
	Coil Rating Voltage	5 V / 90Ω 12 V / 600Ω 24 V / 1800Ω	5 V / 200Ω 12 V / 500Ω	5 V / 150Ω 12 V / 600Ω	5 V / 150Ω 12 V / 600Ω
	Contact Rating	10 W	3 W	10 W	10 W
	Contact Current	0.5 Amp	0.2 Amp	0.5 Amp	0.5 Amp
	Carry Current	1.0 Amp	0.5 Amp	1.0 Amp	1.0 Amp
	Switching Voltage	100 VDC	30 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>10</sup> Ω min.	10 <sup>10</sup> Ω min.	10 <sup>11</sup> Ω min.	10 <sup>11</sup> Ω min.
	Operate Time	1.0 mS	2.0 mS	0.3 mS	0.3 mS
	Release Time	1.0 mS	2.2 mS	0.3 mS	0.3 mS
	Operating temperature				
Reflow temperature					
電氣壽命 (代表例) Electrical Life		DC.1.0V,10mA 1000×10 <sup>6</sup> (R負荷)	DC.1.0V,10mA 50×10 <sup>6</sup> (R負荷)	DC.1.0V,10mA 300×10 <sup>6</sup> (R負荷)	DC.1.0V,10mA 300×10 <sup>6</sup> (R負荷)
High-frequency response					
外觀尺寸 DIMENSION					

TPM Part / No.	7E-2E12D1-01(5V) 7E-2E22D1-01(12V)	7E-4A12N1-01(5V) 7E-4A22N1-01(12V)	22D-2C10N0(5V) 22D-2C20N0(12V)	23E-3A20N2-52(12V)	
SANYU Part / No.	SC-E2T05Z(5V) SC-E2T12Z(12V)	SC-E4A05Z(5V) SC-E4A12Z(12V)	ST-2C05A(5V) ST-2C12A(12V)		
外觀形狀 Appearance					
尺寸 Size (LxWxH) mm	<b>12.7 x 7.6 x 10.0</b>	<b>12.7 x 7.6 x 10.0</b>	20.3 x 5.0 x 9.2	20.3 x 5.0 x 9.0	
回路接續圖 Figure.(TOP VIEW)					
電氣規格	Contact Form	2 Form C (A+B)	4 Form A	2 Form C (A+B)	3 Form A
	Coil Rating Voltage	5 V / 150Ω 12 V / 600Ω	5 V / 150Ω 12 V / 600Ω	5 V / 175Ω 12 V / 1000Ω	12 V / 700Ω
	Contact Rating	10 W	10 W	3 W	10 W
	Contact Current	0.5 Amp	0.5 Amp	0.2 Amp	0.5 Amp
	Carry Current	1.0 Amp	1.0 Amp	0.5 Amp	1.0 Amp
	Switching Voltage	100 VDC	100 VDC	100 VDC	100 VDC
	Contact Voltage	200 VDC	200 VDC	200 VDC	250 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>10</sup> Ω min.	10 <sup>12</sup> Ω min.
	Operate Time	0.5 mS	0.5 mS	1.5 mS	0.5 mS
	Release Time	0.5 mS	0.5 mS	2.0 mS	0.25 mS
	Operating temperature				<b>-40°C to +125°C</b>
Reflow temperature					
電氣壽命 (代表例) Electrical Life	DC.1.0V,10mA 300x10 <sup>6</sup> (R負荷)	DC.1.0V,10mA 300x10 <sup>6</sup> (R負荷)	DC.1.0V,10mA 50x10 <sup>6</sup> (R負荷)	DC.1.0V,10mA 300x10 <sup>6</sup> (R負荷)	
High-frequency response					
外觀尺寸 DIMENSION					

TPM Part / No.	104E-1A10N2(5V) 104E-1A20N2(12V)	104E-2A10N2(5V) 104E-2A20N2(12V)	104E-1T12N1(5V) 104E-1T22N1(12V)	104E-1T10N2(5V) 104E-1T20N2(12V) (DC Performance)	
SANYU Part / No.					
外觀形狀 Appearance					
尺寸 Size (LxWxH) 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 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 12 V / 800Ω	5 V / 100Ω 12 V / 600Ω	5 V / 80Ω 12 V / 500Ω	5 V / 80Ω 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) Electrical Life	DC.1.0V,10mA 300×10 <sup>6</sup> (R負荷)	DC.1.0V,10mA 300×10 <sup>6</sup> (R負荷)	DC.1.0V,10mA 300×10 <sup>6</sup> (R負荷)	DC.1.0V,10mA 300×10 <sup>6</sup> (R負荷)	
High-frequency response					
外觀尺寸 DIMENSION					

TPM Part / No.		40D-4A12N1(5V) 40D-4A22N1(12V)	42D-4A12N1(5V) 42D-4A22N1(12V)	40D-6A12N1(5V) 40D-6A22N1(12V)	43D-6A12N1(5V) 43D-6A22N1(12V)
SANYU Part / No.		SSP-1405RFA(5V) SSP-1412RFA(12V)			
外觀形狀 Appearance					
尺寸 Size (LxWxH) 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 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 12 V / 600Ω	5 V / 120Ω 12 V / 600Ω	5 V / 120Ω 12 V / 600Ω	5 V / 120Ω 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) Electrical Life		DC.1.0V,10mA 1000×10 <sup>6</sup> (R負荷)	DC.1.0V,10mA 1000×10 <sup>6</sup> (R負荷)	DC.1.0V,10mA 1000×10 <sup>6</sup> (R負荷)	DC.1.0V,10mA 1000×10 <sup>6</sup> (R負荷)
High-frequency response					
外觀尺寸 DIMENSION		