



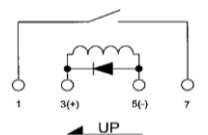
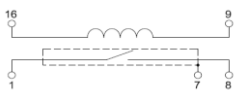
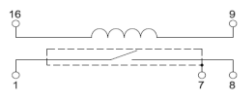
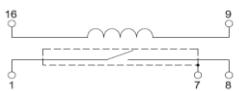
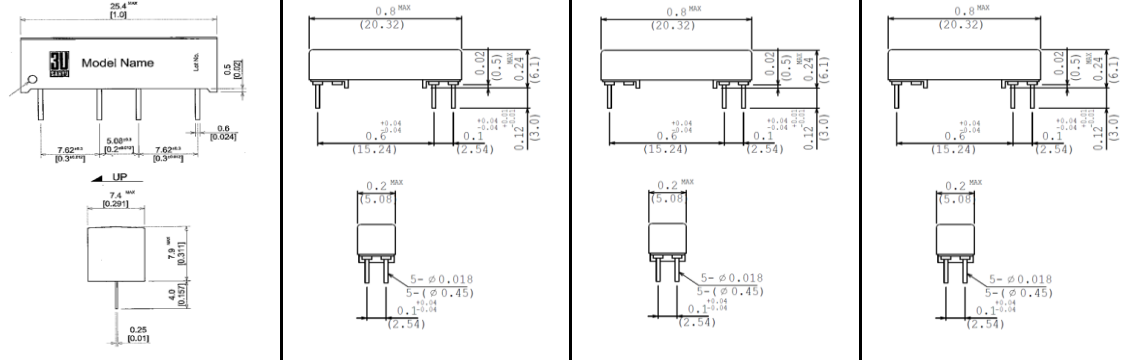


TPM Part / No.	5D-1A10N0(5V)	6D-1A10N0(5V) 6D-1A20N0(12V)	6D-1A10D0(5V) 6D-1A20D0(12V)		
SANYU Part / No.	MF-105NL(5V)	MFS-105N(5V) MFS-112N(12V)	MFS-105D(5V) MFS-112D(12V)	MFS-E105D(5V) MFS-E112D(12V)	
外觀形狀 Appearance					
尺寸 Size (LxWxH) mm	4.3 x 4.3 x 11.3	4.9 x 4.9 x 10.5	4.9 x 4.9 x 10.5	4.9 x 4.9 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 ¹⁰ Ω min.	10 ¹⁰ Ω min.	10 ¹⁰ Ω min.	10 ¹⁰ 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 300x10 ⁶ (R負荷)	DC.1.0V,10mA 300x10 ⁶ (R負荷)	DC.1.0V,10mA 300x10 ⁶ (R負荷)	DC.1.0V,10mA 300x10 ⁶ (R負荷)	
High-frequency response		2.0GHz @ -3dB	2.0GHz @ -3dB	2.0GHz @ -3dB	
外觀尺寸 DIMENSION					




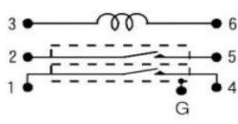
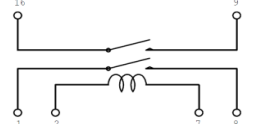
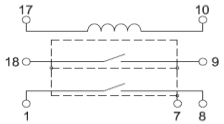
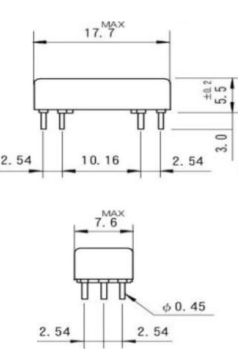
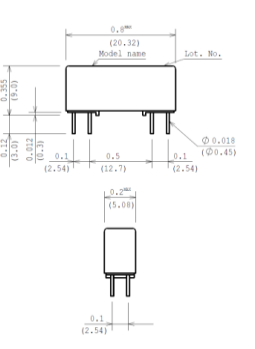
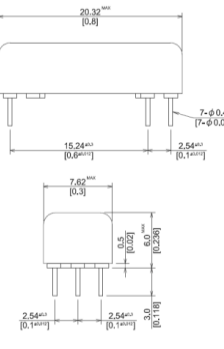
TPM Part / No.			7D-1A12N0(5V) 7D-1A22N0(12V)	101E-1A10N2(5V) 101E-1A20N2(12V)	
SANYU Part / No.	MFS-E105G(5V) MFS-E112G(12V)	FL-E1A05N(5V) FL-E1A12N(12V)		JS-105S-02(5V) JS-112S-02(12V)	
外觀形狀 Appearance					
尺寸 Size (LxWxH) mm	4.9 x 4.9 x 10.5	3.9 x 3.9 x 15.5	12.7 x 5.0 x 6.4	15.2 x 3.8 x 7.0	
回路接續圖 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 / 200Ω 12 V / 600Ω	5 V / 160Ω 12 V / 600Ω	5 V / 500Ω 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 ¹⁰ Ω min.	10 ¹² Ω min.	10 ¹⁰ Ω min.	10 ¹² 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) Electrical Life	DC.1.0V,10mA 300x10 ⁶ (R負荷)	DC.1.0V,10mA 1500x10 ⁶ (R負荷)	DC.1.0V,10mA 300x10 ⁶ (R負荷)	DC.1.0V,10mA 1500x10 ⁶ (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.		SU-105S(5V) SU-112S(12V)		J-105XD(5V)
外觀形狀 Appearance				 ATE Grade
尺寸 Size (LxWxH) 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 Figure.(TOP VIEW)				
電氣規格	Contact Form	1 Form A	1 Form A	1 Form A
	Coil Rating Voltage	5 V / 160Ω 12 V / 600Ω	12 V / 1000Ω	5 V / 500Ω 12 V / 1000Ω
	Contact Rating	10 W	10 W	30 W
	Contact Current	0.5 Amp	0.5 Amp	0.5 Amp
	Carry Current	1.0 Amp	1.6 Amp	1.3 Amp
	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 ¹¹ Ω min.	10 ¹² Ω min.	10 ¹² 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) Electrical Life		DC.1.0V,10mA 100x10 ⁶ (R負荷)	DC.1.0V,10mA 1500x10⁶ (R負荷)	DC.1.0V,10mA 1500x10⁶ (R負荷)
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)
SANYU Part / No.		J-14324YAD(24V)		S-E105N(5V) S-E112N(12V)	
外觀形狀 Appearance			ATE Grade 		ATE Grade 
尺寸 Size (LxWxH) 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 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 12 V / 600Ω 24 V / 1800Ω	5 V / 160Ω 12 V / 600Ω	5 V / 160Ω 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 ¹⁰ Ω min.	10 ¹¹ Ω min.	10 ¹¹ Ω min.	10 ¹³ 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) Electrical Life		DC.1.0V,10mA 1000×10⁶ (R負荷)	DC.1.0V,10mA 1000×10⁶ (R負荷)	DC.1.0V,10mA 1500×10⁶ (R負荷)	DC.1.0V,10mA 500×10⁶ (R負荷)
High-frequency response					
外觀尺寸 DIMENSION					

TPM Part / No.		110D-1A10D0(5V) 110D-1A20D0(12V)			
SANYU Part / No.		SL-19105(5V) SL-19112(12V)		SL-19105GB(5V) SL-19112GB(12V)	SL-16305GB-R13(5V) SL-16312GB-R13(12V) SL-16324GB-R13(24V)
外觀形狀 Appearance					
尺寸 Size (LxWxH) 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
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 / 500Ω 12 V / 1000Ω		5 V / 180Ω 12 V / 1050Ω	5 V / 180Ω 12 V / 1050Ω
	Contact Rating	10 W		100W	100W
	Contact Current	0.5 Amp		1.0 Amp	1.0 Amp
	Carry Current	1.0 Amp		2.5 Amp	2.5 Amp
	Switching Voltage	100 VDC		1000 VDC	1000 VDC
	Contact Voltage	200 VDC		1500 VDC	2000 VDC
	Contact Resistance	150 mΩ		150 mΩ	150 mΩ
	Insulation Resistance	10 ¹⁰ Ω min.		10 ¹⁰ Ω min.	10 ¹² Ω min.
	Operate Time	1.0 mS		1.0 mS	1.0 mS
	Release Time	1.0 mS		1.0 mS	1.0 mS
	Operating temperature				
Reflow temperature					
電氣壽命 (代表例) Electrical Life		DC.1.0V,10mA 100x10 ⁶ (R負荷)		DC.1.0V,10mA 100x10 ⁶ (R負荷)	DC.1.0V,10mA 100x10 ⁶ (R負荷)
High-frequency response					
外觀尺寸	DIMENSION				





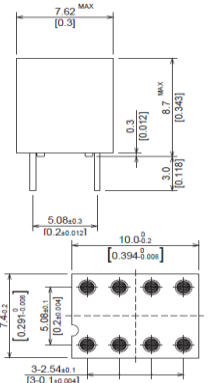
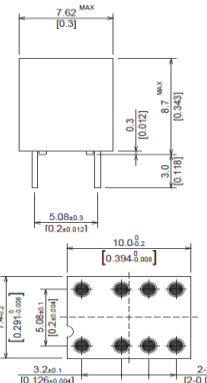
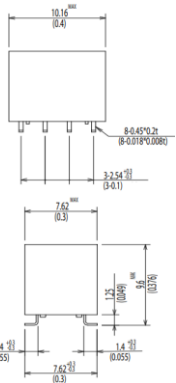
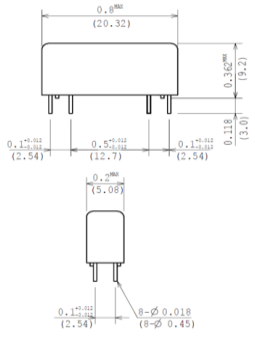
TPM Part / No.		100H-1A10N2-60(5V) 100H-1A20N2-60(12V) 100H-1A30N2-60(24V)			
SANYU Part / No.		J-19105YK(5V) J-19112YK(12V) J-19124YK(24V)	UPM-19105YHL(5V) UPM-19112YHL(12V) UPM-19124YHL(24V)	MFS-E2A05N(5V) MFS-E2A12N(12V)	UF-2A05(5V) UF-2A12(12V)
外觀形狀 Appearance		ATE Grade 			
尺寸 Size (LxWxH) mm		25.8 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 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 12 V / 800Ω 24 V / 3000Ω	5 V / 120Ω 12 V / 600Ω 24 V / 1800Ω	5 V / 110Ω 12 V / 550Ω	5 V / 180Ω 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 ¹¹ Ω min.	10 ¹⁰ Ω min.	10 ¹⁰ Ω min.	10 ¹⁰ 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) Electrical Life	DC.1.0V,10mA 100x10 ⁶ (R負荷)	DC.1.0V,10mA 100x10 ⁶ (R負荷)	DC.1.0V,10mA 300x10 ⁶ (R負荷)	DC.1.0V,10mA 100x10 ⁶ (R負荷)	
High-frequency response			2.0GHz @ -3dB		
外觀尺寸 DIMENSION					



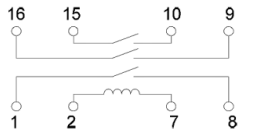
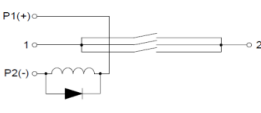
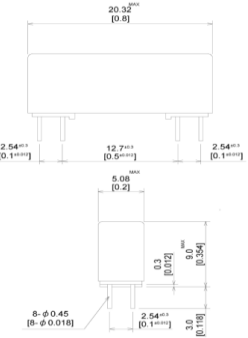
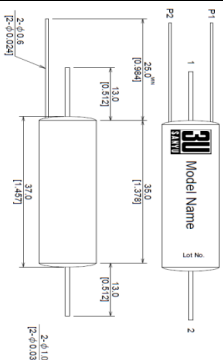
TPM Part / No.		23R-2A10N2(5V) 23R-2A20N2(12V)	110D-2A10D0(5V) 110D-2A20D0(12V)	20R-2A11N1(5V) 20R-2A21N1(12V) 20R-2A31N1(24V)		
SANYU Part / No.		SU-R205S(5V) SU-R212S(12V)				
外觀形狀 Appearance						
尺寸 Size (LxWxH) mm		17.7 x 7.6 x 5.5	20.3 x 5.0 x 9.0	20.3 x 7.6 x 6.0		
回路接續圖 Figure.(TOP VIEW)						
電氣規格	Contact Form	2 Form A	2 Form A	2 Form A		
	Coil Rating Voltage	5 V / 150Ω 12 V / 600Ω	5 V / 175Ω 12 V / 1000Ω	5 V / 140Ω 12 V / 500Ω	5 V / 150Ω 12 V / 600Ω 24 V / 2000Ω	
	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	1.6 Amp	
	Switching Voltage	200 VDC	200 VDC	100 VDC	200 VDC	
	Contact Voltage	250 VDC	250 VDC	200 VDC	300 VDC	
	Contact Resistance	150 mΩ	150 mΩ	150 mΩ	150 mΩ	
	Insulation Resistance	10 ¹¹ Ω min.	10 ¹² Ω min.	10 ¹⁰ Ω min.	10 ¹¹ Ω min.	
	Operate Time	0.5 mS	0.5 mS	1.0 mS	0.5 mS	
	Release Time	0.5 mS	0.15 mS	1.0 mS	0.3 mS	
	Operating temperature					
Reflow temperature						
電氣壽命 (代表例) Electrical Life	DC.1.0V,10mA 1.5x10 ⁹ (R負荷)	DC.1.0V,10mA 1000x10⁶ (R負荷)	DC.1.0V,10mA 100x10 ⁶ (R負荷)	DC.1.0V,10mA 1500x10⁶ (R負荷)		
High-frequency response						
外觀尺寸 DIMENSION						





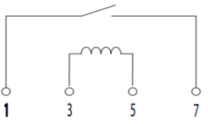
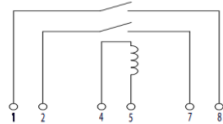
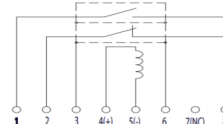
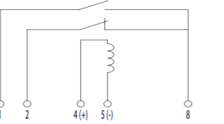
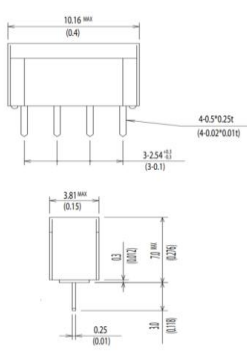
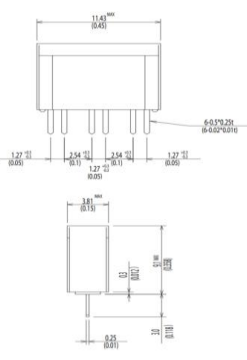
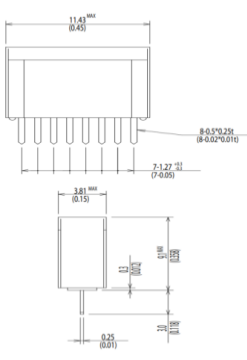
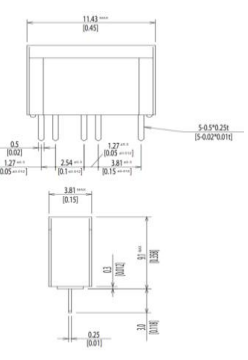
TPM Part / No.		51D-2A10N2(5V) 51D-2A20N2(12V) 51D-2A30N2(24V)		
SANYU Part / No.		UPM-205CSA(5V) UPM-212CSA(12V) UPM-224CSA(24V)		SUH-2205G(5V) SUH-2212G(12V) SU-B205S(5V)
外觀形狀 Appearance				
尺寸 Size (LxWxH) mm		25.0 x 10.5 x 9.5		30.48 x 13.0 x 10.0
回路接續圖 Figure.(TOP VIEW)				
電氣規格	Contact Form	2 Form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





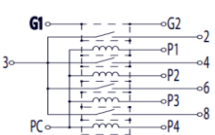
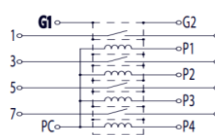
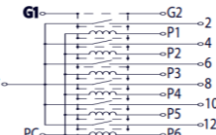
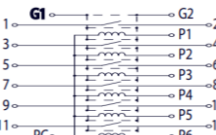
TPM Part / No.		6D-1C10N0-52(5V) 6D-1C20N0-52(12V)				
SANYU Part / No.		SUT-1T05ND(5V) SUT-1T12ND(12V)		MFS-E1T05G(5V) MFS-E1T12G(12V)		
外觀形狀 Appearance						
尺寸 Size (LxWxH) mm		17.78 x 5.08 x 9.0		5.08 x 5.08 x 19.5		
回路接續圖 Figure.(TOP VIEW)						
電氣規格	Contact Form	1 Form C (1A+1B)		1 Form C		
	Coil Rating Voltage	5 V / 70Ω 12 V / 400Ω		5 V / 120Ω 12 V / 500Ω		
	Contact Rating	10 W		3 W		
	Contact Current	0.5 Amp		0.2 Amp		
	Carry Current	1.0 Amp		0.5 Amp		
	Switching Voltage	100 VDC		100 VDC		
	Contact Voltage	200 VDC		200 VDC		
	Contact Resistance	150 mΩ		150 mΩ		
	Insulation Resistance	10 ¹¹ Ω min.		10 ¹⁰ Ω min.		
	Operate Time	1.0 mS		1.0 mS		
	Release Time	1.0 mS		2.0 mS		
	Operating temperature			-40°C to +125°C		
	Reflow temperature					
電氣壽命 (代表例) Electrical Life	DC.1.0V,10mA 1000×10⁶ (R負荷)		DC.1.0V,10mA 50×10 ⁶ (R負荷)		DC.1.0V,10mA 300×10 ⁶ (R負荷)	
High-frequency response					2.0GHz @ -3dB	
外觀尺寸 DIMENSION						

TPM Part / No.	20D-1C10N1(5V) 20D-1C20N1(12V)		21D-1E12E0(5V) 21D-1E22E0(12V) 21D-1E32E0(24V)	110D-1C10D0(5V) 110D-1C20D0(12V)	
SANYU Part / No.		ST-E1T05BD-40(5V) ST-E1T12BD-40(12V)	ST-105LDA(5V) ST-112LDA(12V) ST-124LDA(24V)		
外觀形狀 Appearance					
尺寸 Size (LxWxH) 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 Figure.(TOP VIEW)					
電氣規格	Contact Form	1 Form C	1 Form C (1A+1B)	1 Form C	
	Coil Rating Voltage	5 V / 150Ω 12 V / 900Ω	5 V / 230Ω 12 V / 1000Ω	5 V / 90Ω 12 V / 600Ω 24 V / 1800Ω	5 V / 200Ω 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	1.3 Amp	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 ¹¹ Ω min.	10 ¹² Ω min.	10 ¹⁰ Ω min.	10 ¹⁰ 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) Electrical Life	DC.1.0V,10mA 100x10 ⁶ (R負荷)	DC.1.0V,10mA 1500x10⁶ (R負荷)	DC.1.0V,10mA 1000x10⁶ (R負荷)	DC.1.0V,10mA 50x10 ⁶ (R負荷)	
High-frequency response					
外觀尺寸 DIMENSION					

TPM Part / No.					22D-2C10N0(5V) 22D-2C20N0(12V)
SANYU Part / No.		UC-2T05NA-01(5V) UC-2T12NA-01(12V)	UC-2T05NAY-01(5V) UC-2T12NAY-01(12V)	UC-2T05NAG-01(5V) UC-2T12NAG-01(12V)	ST-2C05A(5V) ST-2C12A(12V)
外觀形狀 Appearance					
尺寸 Size (LxWxH) 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 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 12 V / 600Ω	5 V / 150Ω 12 V / 600Ω	5 V / 150Ω 12 V / 800Ω	5 V / 175Ω 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 ¹¹ Ω min.	10 ¹¹ Ω min.	10 ¹¹ Ω min.	10 ¹⁰ 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 max for 40sec.		
電氣壽命 (代表例) Electrical Life		DC.1.0V,10mA 300x10 ⁶ (R負荷)	DC.1.0V,10mA 300x10 ⁶ (R負荷)	DC.1.0V,10mA 300x10 ⁶ (R負荷)	DC.1.0V,10mA 50x10 ⁶ (R負荷)
High-frequency response					
外觀尺寸	DIMENSION	G6K-2P可參考· 腳位適用。 	G6K-2P-Y可參考· 腳位適用。 	G6K-2F可參考· 腳位適用。 	

TPM Part / No.		23E-3A20N2-52(12V)			
SANYU Part / No.				USM-36324D-60(24V)	
外觀形狀 Appearance					
尺寸 Size (LxWxH) mm		20.3 x 5.0 x 9.0		37.0 x 12.5 x 12.5	
回路接續圖 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 ¹² Ω min.		10 ¹² 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) Electrical Life	DC. 1.0V, 10mA 300x10 ⁶ (R負荷)		DC. 1.0V, 10mA 100x10 ⁶ (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 ¹² Ω min.	10 ¹² Ω min.	10 ¹¹ Ω min.	10 ¹² 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 300x10 ⁶ (R負荷)	DC.1.0V,10mA 300x10 ⁶ (R負荷)	DC.1.0V,10mA 300x10 ⁶ (R負荷)	DC.1.0V,10mA 300x10 ⁶ (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		ATE Grade 	ATE Grade 	ATE Grade 	ATE Grade 
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 ¹¹ Ω min.	10 ¹¹ Ω min.	10 ¹¹ Ω min.	10 ¹¹ 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 1000×10⁶ (R負荷)	DC.1.0V,10mA 1000×10⁶ (R負荷)	DC.1.0V,10mA 1000×10⁶ (R負荷)	DC.1.0V,10mA 1000×10⁶ (R負荷)
High-frequency response					
外觀尺寸	DIMENSION	