



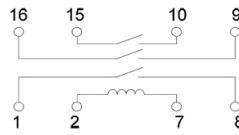
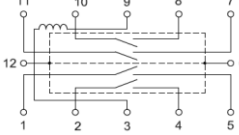
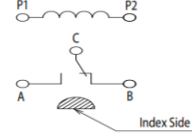
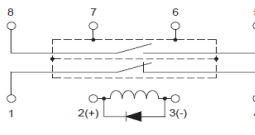
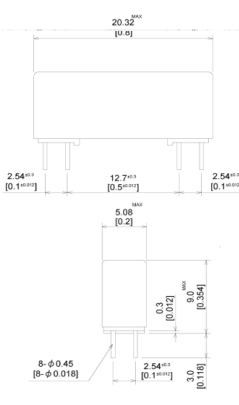
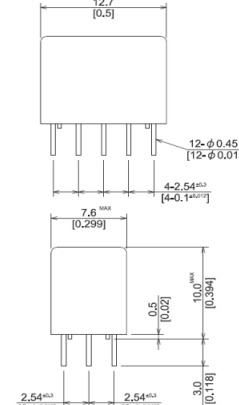
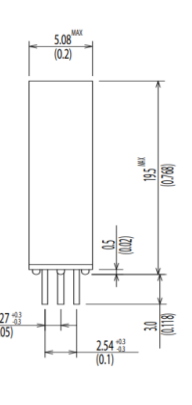
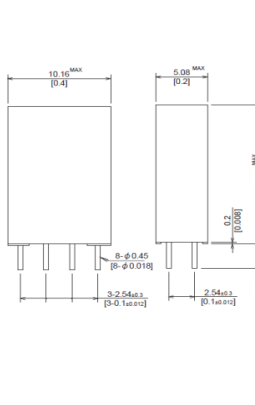




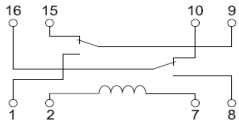
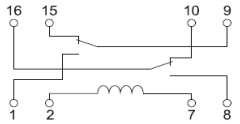
TPM Part / No.		1H-14G-53(5V) 1H-24G-53(12V)	1EH-54G-55(3.3V) 1EH-14G-55(5V)	17H-1A12G-53(5V) 17H-1A22G-53(12V)	10H-1A12G-53(5V) 10H-1A22G-53(12V)
SANYU Part / No.					
外觀形狀 Appearance					
尺寸 Size (LxWxH) mm		12.7 x 4.6 x 4.5	12.7 x 4.6 x 4.5	18.4 x 5.0 x 5.0	20.4 x 4.5 x 4.9
回路接續圖 Figure.(TOP VIEW)					
電氣規格	Contact Form	1 Form A	1 Form A	1 Form A	1 Form A
	Coil Rating Voltage	5 V / 100Ω 12 V / 500Ω	3.3 V / 50Ω 5 V / 100Ω	5 V / 80Ω 12 V / 450Ω	5 V / 100Ω 12 V / 500Ω
	Contact Rating	10 W	10 W	30 W	30 W
	Contact Current	0.5 Amp	0.5 Amp	0.5 Amp	0.5 Amp
	Carry Current	1.0 Amp	1.0 Amp	1.3 Amp	1.3 Amp
	Switching Voltage	100 VDC	100 VDC	200 VDC	200 VDC
	Contact Voltage	200 VDC	200 VDC	300 VDC	300 VDC
	Contact Resistance	150 mΩ	150 mΩ	150 mΩ	150 mΩ
	Insulation Resistance	10 ¹² Ω min.	10 ¹¹ Ω min.	10 ¹² Ω min.	10 ¹² Ω min.
	Operate Time	0.3 mS	0.3 mS	0.4 mS	0.5 mS
	Release Time	0.05 mS	0.05 mS	0.2 mS	0.3 mS
	Operating temperature	-20°C to +155°C	-50°C to +155°C	-20°C to +155°C	-20°C to +155°C
Reflow temperature	260°C max for 60sec.	260°C max for 60sec.	260°C max for 60sec.	260°C max for 60sec.	
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 1500x10 ⁶ (R負荷)	DC.1.0V,10mA 1500x10 ⁶ (R負荷)	
High-frequency response	4.0GHz @ -3dB		2.5GHz @ -3dB	3.0GHz @ -3dB	
外觀尺寸 DIMENSION					

TPM Part / No.	6E-1A11D0-54(5V)	6E-1A11N0-53(5V) 6E-1A21N0-53(12V)	20E-1A12N1-53(5V) 20E-1A22N1-53(12V)	20E-1A11N1-56(5V) 20E-1A21N1-56(12V)	
SANYU Part / No.		MFS-E105G-53(5V) MFS-E112G-53(12V)			
外觀形狀 Appearance					
尺寸 Size (LxWxH) mm	4.9 x 4.9 x 10.5	4.9 x 4.9 x 10.5	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	5 V / 200Ω	5 V / 100Ω 12 V / 450Ω	5 V / 160Ω 12 V / 900Ω	5 V / 160Ω 12 V / 600Ω
	Contact Rating	10 W	10 W	30 W	30 W
	Contact Current	0.5 Amp	0.5 Amp	0.5 Amp	0.5 Amp
	Carry Current	1.0 Amp	1.0 Amp	1.3 Amp	1.3 Amp
	Switching Voltage	100 VDC	100 VDC	200 VDC	200 VDC
	Contact Voltage	200 VDC	200 VDC	300 VDC	300 VDC
	Contact Resistance	150 mΩ	150 mΩ	150 mΩ	150 mΩ
	Insulation Resistance	10 ¹⁰ Ω min.	10 ¹⁰ Ω min.	10 ¹¹ Ω min.	10 ¹¹ Ω min.
	Operate Time	0.3 mS	0.3 mS	0.35 mS	0.35 mS
	Release Time	0.3 mS	0.3 mS	0.25 mS	0.25 mS
	Operating temperature	-40 °C to +140 °C	-20 °C to +155 °C	-20 °C to +155 °C	-55 °C to +140 °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 300x10 ⁶ (R負荷)	DC.1.0V,10mA 1500x10 ⁶ (R負荷)	DC.1.0V,10mA 1500x10 ⁶ (R負荷)	
High-frequency response	1.5GHz @ -3dB	1.5GHz @ -2dB			
外觀尺寸 DIMENSION					

TPM Part / No.		27E-1A12N1-53(5V) 27E-1A22N1-53(12V)	6E-2A10N0-53(5V) 6E-2A20N0-53(12V)	21E-2A10N2-53(5V) 21E-2A20N2-53(12V)	
SANYU Part / No.					UF-E2A05Z-0150(5V) UF-E2A12Z-0150(12V)
外觀形狀 Appearance					
尺寸 Size (LxWxH) mm		20.8 x 6.3 x 7.1	7.6 x 4.9 x 11.0	20.3 x 5.0 x 9.0	10.1 x 5.0 x 15.4
回路接續圖 Figure.(TOP VIEW)					
電氣規格	Contact Form	1 Form A	2 Form A	2 Form A	2 Form A
	Coil Rating Voltage	5 V / 230Ω 12 V / 1500Ω	5 V / 70Ω 12 V / 550Ω	5 V / 160Ω 12 V / 600Ω	5 V / 180Ω 12 V / 680Ω
	Contact Rating	30 W	10 W	10 W	10 W
	Contact Current	0.5 Amp	0.5 Amp	0.5 Amp	0.5 Amp
	Carry Current	1.3 Amp	1.0 Amp	1.6 Amp	1.0 Amp
	Switching Voltage	200 VDC	170 VDC	200 VDC	100 VDC
	Contact Voltage	300 VDC	200 VDC	300 VDC	200 VDC
	Contact Resistance	150 mΩ	170 mΩ	150 mΩ	150 mΩ
	Insulation Resistance	10 ¹¹ Ω min.	10 ¹⁰ Ω min.	10 ¹² Ω min.	10 ¹⁰ Ω min.
	Operate Time	0.35 mS	0.5 mS	0.5 mS	0.5 mS
	Release Time	0.25 mS	0.5 mS	0.15 mS	0.5 mS
	Operating temperature	-20°C to +155°C	-20°C to +155°C	-20°C to +155°C	-20°C to +125°C
Reflow temperature					
電氣壽命 (代表例) Electrical Life		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)	DC.1.0V,10mA 300x10 ⁶ (R負荷)
High-frequency response					
外觀尺寸 DIMENSION					

TPM Part / No.		23E-3A20N2-52(12V)	7E-4A12N1-0153(5V)	6D-1C10N0-52(5V) 6D-1C20N0-52(12V)	
SANYU Part / No.					UF-E1T05Z-0150(5V) UF-E1T12Z-0150(12V)
外觀形狀 Appearance					
尺寸 Size (LxWxH) mm		20.3 x 5.0 x 9.0	12.7 x 7.6 x 10.0	5.08 x 5.08 x 19.5	10.1 x 5.0 x 15.4
回路接續圖 Figure.(TOP VIEW)					
電氣規格	Contact Form	3 Form A	4 Form A	1 Form C	1 Form C (A + B)
	Coil Rating Voltage	12 V / 700Ω	5 V / 100Ω	5 V / 120Ω 12 V / 500Ω	5 V / 130Ω 12 V / 680Ω
	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	250 VDC	200 VDC	200 VDC	200 VDC
	Contact Resistance	150 mΩ	150 mΩ	150 mΩ	150 mΩ
	Insulation Resistance	10 ¹² Ω min.	10 ¹¹ Ω min.	10 ¹⁰ Ω min.	10 ¹⁰ Ω min.
	Operate Time	0.5 mS	0.5 mS	1.0 mS	0.5 mS
	Release Time	0.25 mS	0.5 mS	2.0 mS	0.5 mS
	Operating temperature	-40 °C to +125 °C	-20 °C to +155 °C	-40 °C to +125 °C	-20 °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 300x10 ⁶ (R負荷)	DC.1.0V,10mA 50x10 ⁶ (R負荷)	DC.1.0V,10mA 300x10 ⁶ (R負荷)
High-frequency response					
外觀尺寸	DIMENSION				

TPM Part / No.		20D-1C12N1-53(5V) 20D-1C22N1-53(12V)	20D-1C10N1-56(5V) 20D-1C20N1-56(12V)	27D-1C12N1-53(5V) 27D-1C22N1-53(12V)	
SANYU Part / No.		S-105TA-53(5V) S-112TA-53(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	20.8 x 6.3 x 7.1	
回路接續圖 Figure.(TOP VIEW)					
電氣規格	Contact Form	1 Form C	1 Form C	1 Form C	
	Coil Rating Voltage	5 V / 120Ω 12 V / 700Ω	5 V / 160Ω 12 V / 800Ω	5 V / 200Ω 12 V / 1100Ω	
	Contact Rating	3 W	3 W	3 W	
	Contact Current	0.25 Amp	0.25 Amp	0.25 Amp	
	Carry Current	0.5 Amp	0.5 Amp	0.5 Amp	
	Switching Voltage	100 VDC	100 VDC	100 VDC	
	Contact Voltage	200 VDC	200 VDC	200 VDC	
	Contact Resistance	150 mΩ	150 mΩ	150 mΩ	
	Insulation Resistance	10 ¹¹ Ω min.	10 ¹¹ Ω min.	10 ¹¹ Ω min.	
	Operate Time	1.0 mS	1.0 mS	1.0 mS	
	Release Time	2.0 mS	2.0 mS	2.0 mS	
	Operating temperature	-20°C to +155°C	-55°C to +140°C	-20°C to +155°C	
	Reflow temperature				
電氣壽命 (代表例) Electrical Life		DC.1.0V,10mA 50x10 ⁶ (R負荷)	DC.1.0V,10mA 50x10 ⁶ (R負荷)	DC.1.0V,10mA 50x10 ⁶ (R負荷)	
High-frequency response		1.5GHz		1.5GHz	
外觀尺寸	DIMENSION				

TPM Part / No.		22D-2C10N0-0153(5V) 22D-2C20N0-0153(12V)	22D-2C10N0-0156(5V) 22D-2C20N0-0156(12V)		
SANYU Part / No.					
外觀形狀 Appearance					
尺寸 Size (LxWxH) mm		20.32 x 5.08 x 9.0	20.32 x 5.08 x 9.0		
回路接續圖 Figure.(TOP VIEW)					
電氣規格	Contact Form	2 Form C	2 Form C		
	Coil Rating Voltage	5 V / 80Ω 12 V / 400Ω	5 V / 140Ω 12 V / 700Ω		
	Contact Rating	3 W	3 W		
	Contact Current	0.25 Amp	0.25 Amp		
	Carry Current	0.5 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 ¹⁰ Ω min.	10 ¹⁰ Ω min.		
	Operate Time	1.5 mS	1.5 mS		
	Release Time	2.0 mS	2.0 mS		
	Operating temperature	-20°C to +155°C	-55°C to +140°C		
Reflow temperature					
電氣壽命 (代表例) Electrical Life		DC.1.0V,10mA 50×10 ⁶ (R負荷)	DC.1.0V,10mA 50×10 ⁶ (R負荷)		
High-frequency response					
外觀尺寸	DIMENSION	