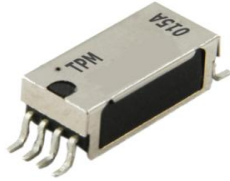
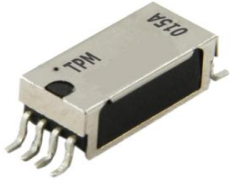
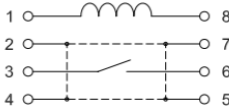
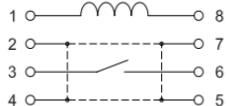
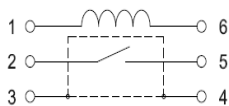
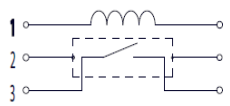
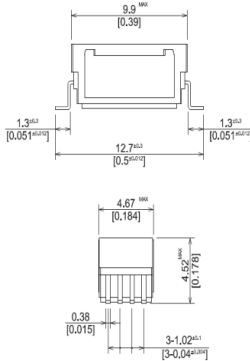
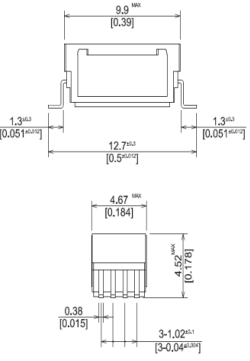
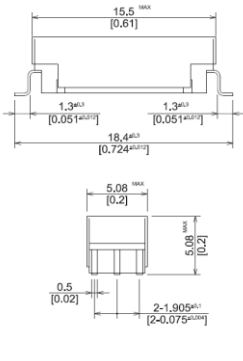
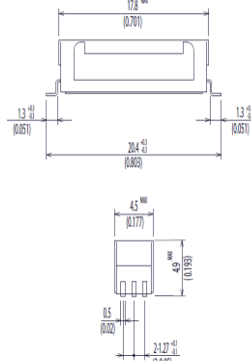
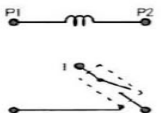
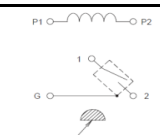
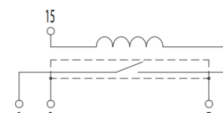
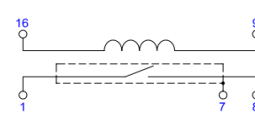
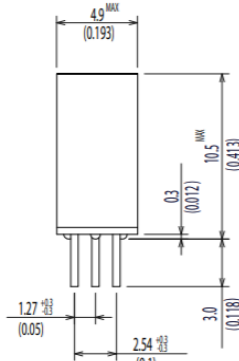
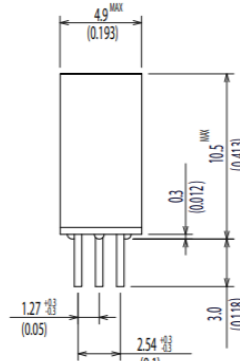
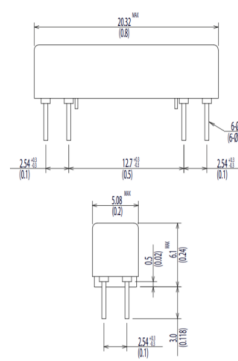
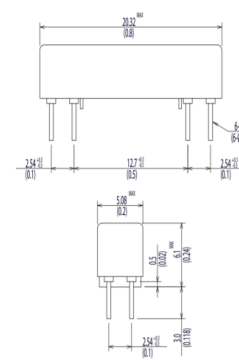
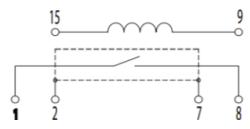
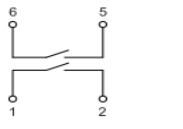
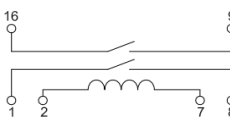
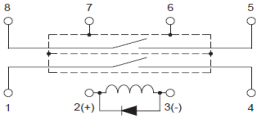
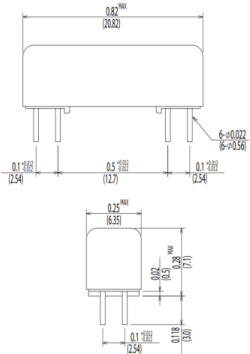
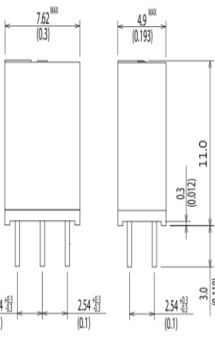
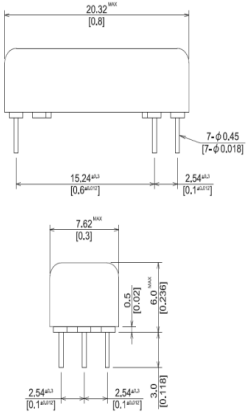
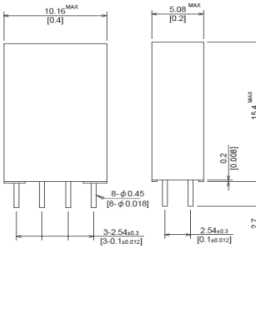
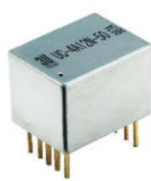
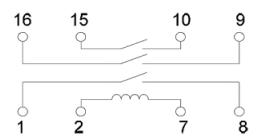
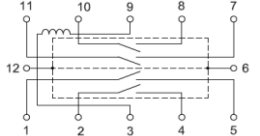
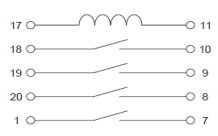
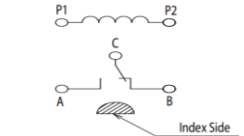
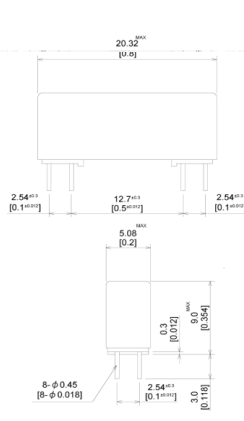
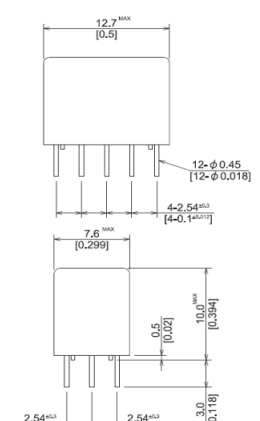
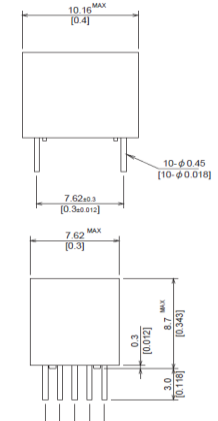
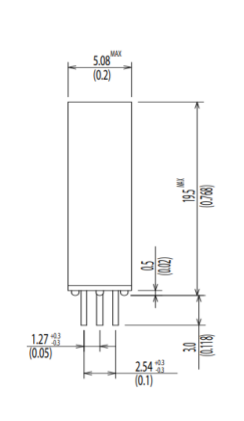
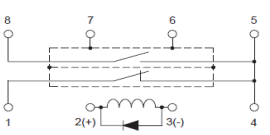
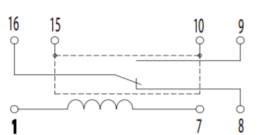
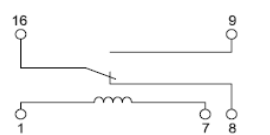
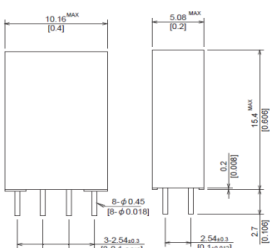
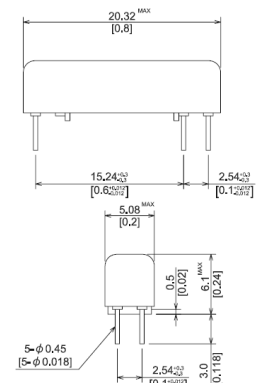
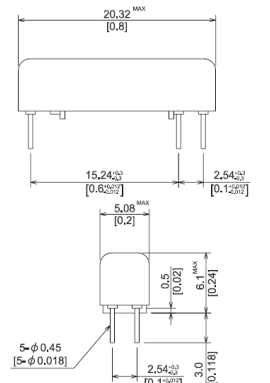


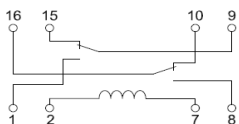
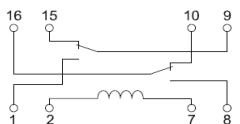
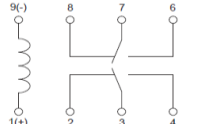
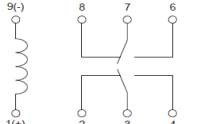
TPM Part / No.		1H-14G-53(5V) 1H-24G-53(12V)	1EH-54G-55(3.3V) 1EH-14G-55(5V)	17H-1A12G-53(5V) 17H-1A22G-53(12V)	10H-1A12G-53(5V) 10H-1A22G-53(12V)
SANYU Part / No.					
外觀形狀 Appearance					
尺寸 Size (L×W×H) mm		12.7 x 4.6 x 4.5	12.7 x 4.6 x 4.5	18.4 x 5.0 x 5.0	20.4 x 4.5 x 4.9
回路接續圖 Figure.(TOP VIEW)					
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 300×10 ⁶ (R負荷)	DC.1.0V,10mA 300×10 ⁶ (R負荷)	DC.1.0V,10mA 1500×10 ⁶ (R負荷)	DC.1.0V,10mA 1500×10 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 (L×W×H) 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 300×10 ⁶ (R負荷)	DC.1.0V,10mA 300×10 ⁶ (R負荷)	DC.1.0V,10mA 1500×10 ⁶ (R負荷)	DC.1.0V,10mA 1500×10 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 (L×W×H) 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 1500×10 ⁶ (R負荷)	DC.1.0V,10mA 300×10 ⁶ (R負荷)	DC.1.0V,10mA 1500×10 ⁶ (R負荷)	DC.1.0V,10mA 300×10 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.				UC-4A05N-50(5V) UC-4A12N-50(12V)	
外觀形狀 Appearance					
尺寸 Size (L×W×H) mm		20.3 x 5.0 x 9.0	12.7 x 7.6 x 10.0	10.16 x 7.62 x 8.7	5.08 x 5.08 x 19.5
回路接續圖 Figure.(TOP VIEW)					
電氣規格	Contact Form	3 Form A	4 Form A	4 Form A	1 Form C
	Coil Rating Voltage	12 V / 700Ω	5 V / 100Ω	5 V / 180Ω 12 V / 800Ω	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	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 ¹¹ Ω min.	10 ¹⁰ Ω min.
	Operate Time	0.5 mS	0.5 mS	0.3 mS	1.0 mS
	Release Time	0.25 mS	0.5 mS	0.2 mS	2.0 mS
	Operating temperature	-40°C to +125°C	-20°C to +155°C	-20°C to +105°C	-40°C to +125°C
	Reflow temperature				
電氣壽命 (代表例) Electrical Life		DC.1.0V,10mA 300×10 ⁶ (R負荷)	DC.1.0V,10mA 300×10 ⁶ (R負荷)	DC.1.0V,10mA 300×10 ⁶ (R負荷)	DC.1.0V,10mA 50×10 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.		UF-E1T05Z-0150(5V) UF-E1T12Z-0150(12V)	S-105TA-53(5V) S-112TA-53(12V)	
外觀形狀 Appearance				
尺寸 Size (L×W×H) mm		10.1 x 5.0 x 15.4	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 C (A + B)	1 Form C	1 Form C
	Coil Rating Voltage	5 V / 130Ω 12 V / 680Ω	5 V / 120Ω 12 V / 700Ω	5 V / 160Ω 12 V / 800Ω
	Contact Rating	10 W	3 W	3 W
	Contact Current	0.5 Amp	0.25 Amp	0.25 Amp
	Carry Current	1.0 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 ¹⁰ Ω min.	10 ¹¹ Ω min.	10 ¹¹ Ω min.
	Operate Time	0.5 mS	1.0 mS	1.0 mS
	Release Time	0.5 mS	2.0 mS	2.0 mS
	Operating temperature	-20°C to +125°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 300×10 ⁶ (R負荷)	DC.1.0V,10mA 50×10 ⁶ (R負荷)	DC.1.0V,10mA 50×10 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.				UC-2T05NA-015A(5V) UC-2T12NA-015A(12V) UC-2T24NA-015A(24V)	UC-2T05NAY-015A(5V) UC-2T12NAY-015A(12V) UC-2T24NAY-015A(24V)
外觀形狀 Appearance					
尺寸 Size (L×W×H) mm		20.32 x 5.08 x 9.0	20.32 x 5.08 x 9.0	10.16 x 7.62 x 8.7	10.16 x 7.62 x 8.7
回路接續圖 Figure.(TOP VIEW)					
電氣規格	Contact Form	2 Form C	2 Form C	2 Form C (A + B)	2 Form C (A + B)
	Coil Rating Voltage	5 V / 80Ω 12 V / 400Ω	5 V / 140Ω 12 V / 700Ω	5 V / 180Ω 12 V / 800Ω 24 V / 2400Ω	5 V / 180Ω 12 V / 800Ω 24 V / 2400Ω
	Contact Rating	3 W	3 W	10 W	10 W
	Contact Current	0.25 Amp	0.25 Amp	0.5 Amp	0.5 Amp
	Carry Current	0.5 Amp	0.5 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	200 mΩ	200 mΩ
	Insulation Resistance	10 ¹⁰ Ω min.	10 ¹⁰ Ω min.	10 ¹¹ Ω min.	10 ¹¹ Ω min.
	Operate Time	1.5 mS	1.5 mS	0.3 mS	0.3 mS
	Release Time	2.0 mS	2.0 mS	0.3 mS	0.3 mS
	Operating temperature	-20°C to +155°C	-55°C to +140°C	-20°C to +105°C	-20°C to +105°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)	DC.1.0V,10mA 300×10 ⁶ (R負荷)	DC.1.0V,10mA 300×10 ⁶ (R負荷)
High-frequency response					
外觀尺寸	DIMENSION	