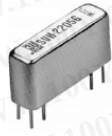
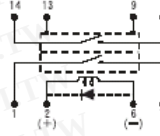
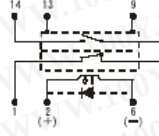
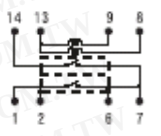
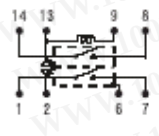
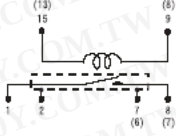


SANYU Part / No.	SU-(R)1 * * S	SU-(R)1 * * SD	SU-(R)2 * * S	SU-(R)2 * * SD	SUT-(R)2A * * N(D)
TPM Part / No.	30D-1A * 1N1	30D-1A * 2N1	30D-2A * 1N1	30D-2A * 2N1	
外觀形狀 Appearance					
尺寸 Size (L×W×H) mm	17.7 x 5.08 x 5.3	17.7 x 5.08 x 5.3	17.7 x 7.7 x 5.8	17.7 x 7.7 x 5.8	17.7 x 5.08 x 8.8
回路接續圖 Figure. (TOP VIEW)					
電氣規格	接點構成 Contact Form	1A	1A	2A	2A
	線圈電壓 / 阻抗 Coil Rating Voltage	5V / 160 Ω 12V / 600 Ω	5V / 160 Ω 12V / 600 Ω	5V / 150 Ω 12V / 600 Ω	5V / 90 Ω 12V / 400 Ω
	接點容量 (max) Contact Rating	10W	10W	10W	10W
	切換電流 (max) Contact Current	0.5A	0.5A	0.5A	0.5A
	通電電流 (max) Carry Current	1.0A	1.0A	1.0A	1.0A
	切換電壓 (max) Switching Voltage	100VDC (R) 200VDC	100VDC (R) 200VDC	100VDC (R) 200VDC	100VDC (R) 200VDC
	接點間耐電壓 Contact Voltage	200VDC (R) 250VDC	200VDC (R) 250VDC	200VDC (R) 250VDC	200VDC (R) 250VDC
	接點阻抗 (max) Contact Resistance	150m Ω	150m Ω	150m Ω	150m Ω
	絕緣阻抗(各導體相互間) Insulation Resistance	10 ¹¹ Ω	10 ¹¹ Ω	10 ¹¹ Ω	10 ¹⁰ Ω
	動作時間 (max) Operate Time	0.35ms	0.35ms	0.5ms	0.35ms (R) 0.5ms
壽命	回復時間 (max) Release Time	0.25ms	0.25ms	0.5ms	0.25ms (R) 0.5ms
	機械壽命 (min) Mechanical Life	1×10 ⁹ (R) 1.5×10 ⁹	1×10 ⁹ (R) 1.5×10 ⁹	1×10 ⁹ (R) 1.5×10 ⁹	1×10 ⁹ (R) 1.5×10 ⁹
高周波特性	電氣壽命 (代表例) Electrical Life	DC.10V,10mA 1×10 ⁸ (R負荷)	DC.10V,10mA 1×10 ⁸ (R負荷)	DC.10V,10mA 1×10 ⁸ (R負荷)	DC.10V,10mA 1×10 ⁸ (R負荷)
	T.D.R Impedance	DC~500MHz/50 Ω	DC~1.5GHz/50 Ω	DC~500MHz/50 Ω	DC~500MHz/50 Ω
	Return Loss (Typ)	200 MHz	20dB	1.20dB @1000MHz	21dB
		500 MHz	13dB	15.8dB @2000MHz	14dB
	Insertion Loss (Typ)	200 MHz	0.31dB	0.58dB @1000MHz	0.30dB
		500 MHz	0.56dB	0.98dB @2000MHz	0.52dB
	Isolation Loss (Typ)	200 MHz	35dB	19.7dB @1000MHz	34dB
		500 MHz	26dB	13.0dB @2000MHz	25dB
	Rise Time (Typ)	340ps	330ps	330ps	370ps
	Capacitance (Open Contact)		0.17pF/TYP	0.13pF/TYP	
Test Report	Capacitance (Contact of shield)		1.23pF/TYP	1.23pF/TYP	
			P95		P94
	Package Page 34~44	3-4	3-4	3-5	3-6

SANYU Part / No.		SUT-(R)2A * *(D)ND	SUT-(R)1 * *(D)A	SUH-12 * *(G)A	SUH-22 * *(G)	RSU-1 * *(NC)
TPM Part / No.		31D-2A * 2 * 0	31D-1E * 2N0	32D-2A * 2N1	32D-2A * 2N1	
外觀形狀 Appearance						
尺寸 Size (L×W×H) mm		17.7 x 5.08 x 8.8	17.7 x 5.08 x 8.8	17.7 x 5.08 x 8.8	17.7 x 5.08 x 8.8	17.7 x 5.08 x 5.0
回路接續圖 Figure. (TOP VIEW)						
電氣規格	接點構成 Contact Form	2A	1T (1A+1B)	2A	2A	1A
	線圈電壓 / 阻抗 Coil Rating Voltage	5V / 90Ω 12V / 400Ω	5V / 70Ω 12V / 400Ω	5V / 200Ω 12V / 600Ω	5V / 160Ω 12V / 600Ω	5V / 160Ω 12V / 600Ω
	接點容量 (max) Contact Rating	10W	10W	10W	10W	10W
	切換電流 (max) Contact Current	0.5A	0.5A	0.5A	0.5A	0.5A
	通電電流 (max) Carry Current	1.0A	1.0A	1.0A	1.0A	1.0A
	切換電壓 (max) Switching Voltage	100VDC (R) 200VDC	100VDC (R) 200VDC	100VDC	100VDC	100VDC
	接點間耐電壓 Contact Voltage	200VDC (R) 250VDC	200VDC (R) 250VDC	200VDC	200VDC	200VDC
	接點阻抗 (max) Contact Resistance	150mΩ	150mΩ	150mΩ	150mΩ	150mΩ
	絕緣阻抗(各導體相互間) Insulation Resistance	10 ¹⁰ Ω	10 ¹⁰ Ω	10 ¹¹ Ω	10 ¹¹ Ω	10 ¹¹ Ω
	動作時間 (max) Operate Time	0.35ms (R) 0.5ms	1.0ms	0.35ms	0.35ms	0.35ms
	回復時間 (max) Release Time	0.25ms (R) 0.5ms	1.0ms (R) 1.0ms	0.25ms	0.25ms	0.25ms
壽命	機械壽命 (min) Mechanical Life	1×10 ⁹ (R) 1.5×10 ⁹	1×10 ⁹ (R) 1.5×10 ⁹	1×10 ⁹	1×10 ⁹	1×10 ⁹
	電氣壽命 (代表例) Electrical Life	DC.10V,10mA 1×10 ⁸ (R負荷)	DC.10V,10mA 1×10 ⁸ (R負荷)	DC.12V,10mA 3×10 ⁷ (R負荷)	DC.10V,10mA 1×10 ⁸ (R負荷)	DC.10V,10mA 1×10 ⁸ (R負荷)
高周波特性	T.D.R Impedance	DC~1GHz/50Ω	DC~500MHz/50Ω	DC~1GHz/50Ω		
	Return Loss (Typ)	200 MHz 500 MHz	16.4dB @500MHz 13.7dB @1000MHz	29dB (R) 24dB 26dB (R) 20dB	21.3dB @500MHz 19.8dB @1000MHz	
	Insertion Loss (Typ)	200 MHz 500 MHz	0.44dB @500MHz 0.7dB @1000MHz	0.25dB (R) 0.31dB 0.40dB (R) 0.45dB	0.36dB @500MHz 0.55dB @1000MHz	
	Isolation Loss (Typ)	200 MHz 500 MHz	23.3dB @500MHz 15.5dB @1000MHz	33dB (R) 35dB 25dB (R) 27dB	26.0dB @500MHz 19.6dB @1000MHz	
	Rise Time (Typ)		360ps 420ps (R) 410ps	410ps		
	Capacitance (Open Contact)					
	Capacitance (Contact of shield)					
	Test Report		P94	P101		
	Package Page 34~44		3-6	3-7	3-7	3-8