

TRC2

- Creepage distance: 10mm;
- Au-clad contact available
- Transparent sealed available
- Class B/F available
- Conform to RoHS, ELV directive

**■ ORDERING CODE**

■COIL DATA (at 20℃)									
Nominal Voltage (VDC)	5	6	9	12	18	24	48	60	0.4W
Coil Resistance ($\Omega \pm 10\%$)	62	90	202	360	810	1440	5760	7500	
Rated Current (mA)	80	66.7	44.6	33.3	22.2	16.7	8.3	8	
Max Operate Voltage (VDC)	3.5	4.2	6.3	8.4	12.6	16.8	33.6	42	
Min Release Voltage (VDC)	0.5	0.6	0.9	1.2	1.8	2.4	4.8	6.0	
Max Voltage	23℃ 130%								

■ CONTACT DATA

Contact Form	H/Z
Contact Material	Silver Alloy
Load	Resistive load(COS Φ =1)
Contact Ratings	16A 250VAC TV-5A@ 125VAC
Minimum load	100mA 5VDC
Max Switching Voltage	440VAC/125VDC
Max Switching Current	16A
Max Switching Power	4000VA
Contact Resistance	100m Ω Max at 6VDC 1A
Life Expectancy	Electrical : 100, 000 Operations(at20Operations/minute)
	Mechanical : 10, 000, 000 Operations(at300Operations/minute)

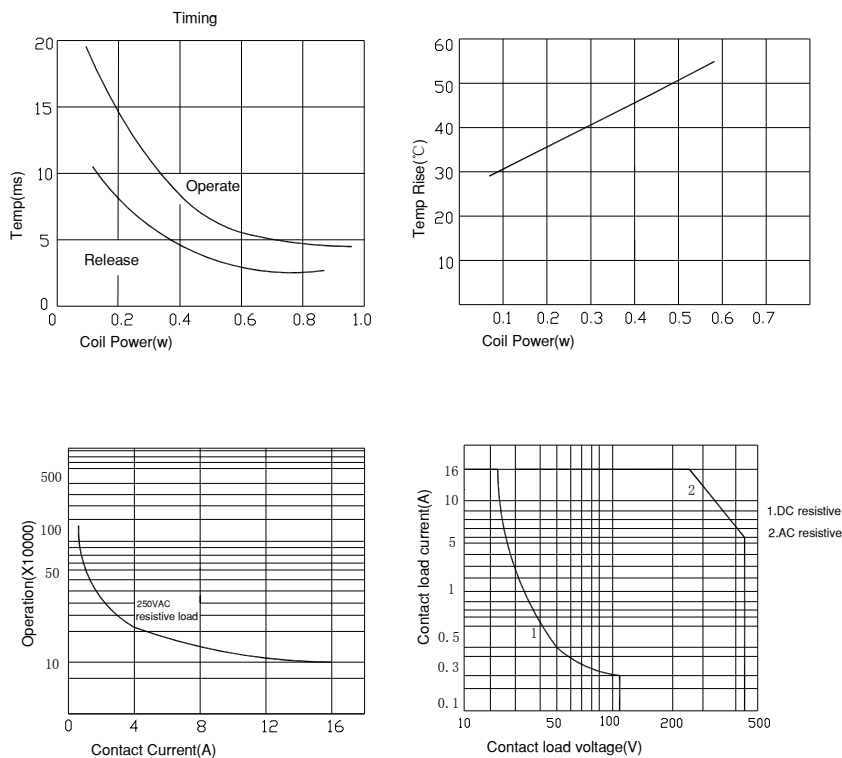
■ CHARACTERISTICS DATA

Insulation Resistance	100M Ω Min at 500VDC
Dielectric Strength Between Open Contacts	1000VAC(for one minute)
Between Contacts and coil	5000VAC(for one minute)
Operate Time	15ms
Release Time	8ms
Temperature Range	-40°C to +85°C
Shock Resistance	Operating Extremes : 10G
	Damage Limits : 100G
Vibration Resistance	10-55Hz, 1.5mm
Max. switching frequency	Mechanical: 18,000 operations/hr
	Electrical: 1,200 operations/hr
Humidity	40-85%
Weight	Approx 14g
Safety Standard	UL cUL

■ APPROVED STANDARDS

Model	Coiling rating	Safety Standard	Contact rating
TRC2	5 to 60VDC	UL/cUL	16A 250VAC TV-5A@ 120VAC

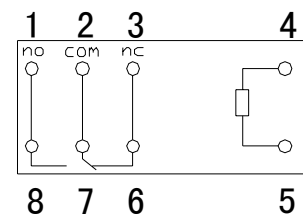
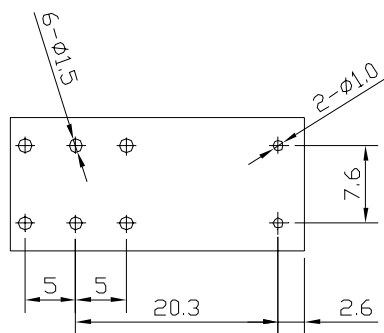
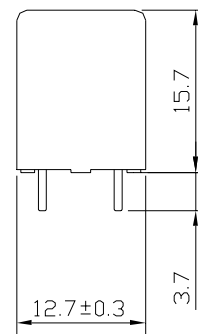
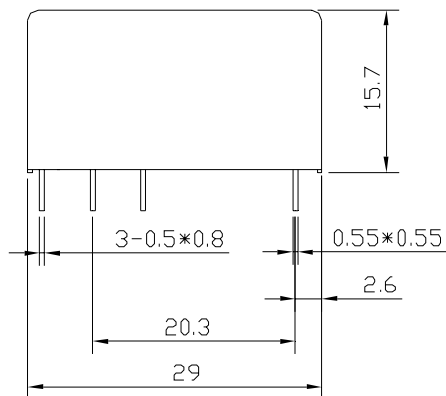
■ ENGINEERING DATA



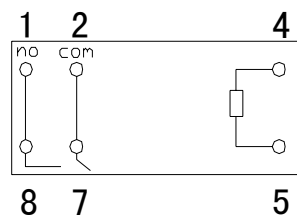
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■ OVERALL AND MOUNTING DIMENSIONS



Z Form C



H Form A

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