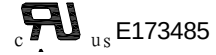


PCB

TRC1

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

■ ORDERING CODE

TRC1	D	12VDC	S	Z	1
1	2	3	4	5	6
1. Relay Model			4. S : Sealed		6. 1: 3.5mm
2. Coil Power D=0.4W			5. Z: Form C H: Form A		2: 5.0mm
3. Coil Nominal Voltage 5,6,9,12,18,24,48,60VDC					

■ COIL DATA (at 20°C)

COIL DATA (at 20°C)									
Nominal Voltage (VDC)	5	6	9	12	18	24	48	60	0.4W
Coil Resistance (Ω ±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°C 130%								

■ CONTACT DATA

Contact Form	H/Z
Contact Material	Silver Alloy
Load	Resistive load(COS Φ =1)
Contact Ratings	12A 250VAC
Minimum load	100mA 5VDC
Max Switching Voltage	440VAC/125VDC
Max Switching Current	12A
Max Switching Power	3000VA
Contact Resistance	100m Ω Max at 6VDC 1A
Life Expectancy	Electrical : 100, 000 Operations(at20Operations/minute)
	Mechanical : 10, 000, 000 Operations(at300Operations/minute)

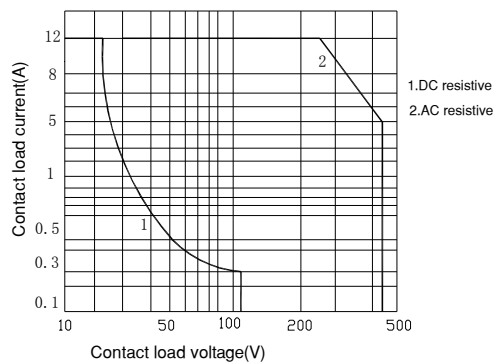
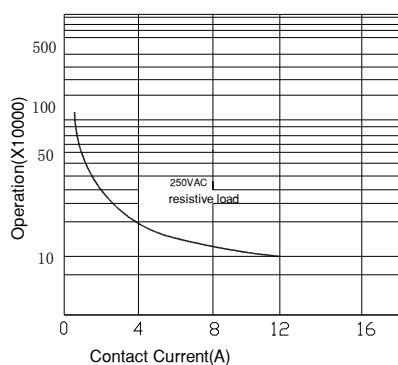
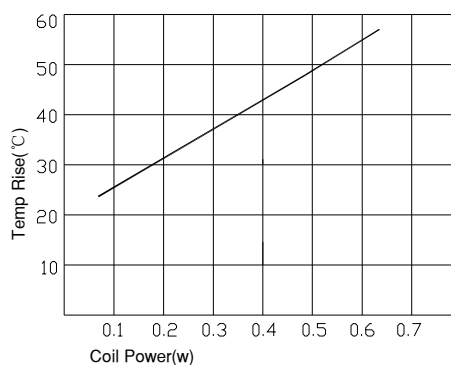
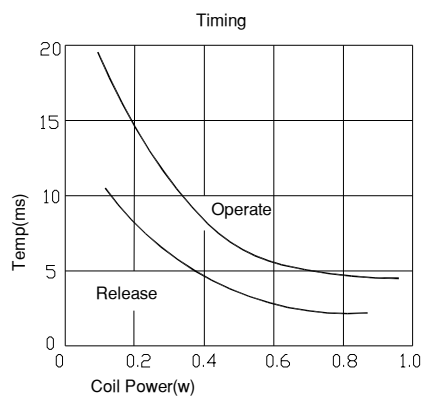
■ CHARACTERISTICS DATA

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
TRC1	5 to 60VDC	UL/cUL	12A 250VAC

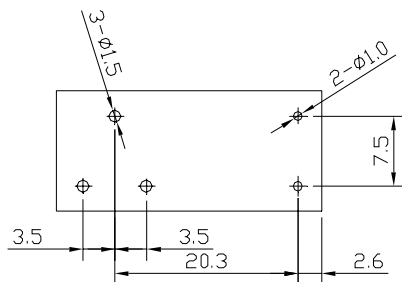
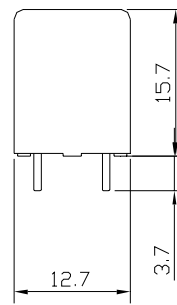
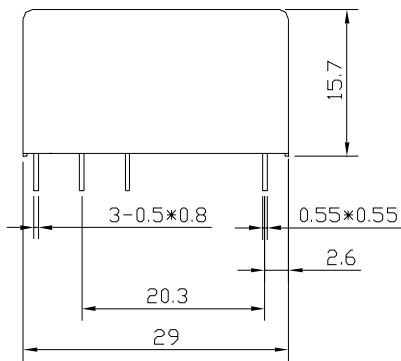
■ ENGINEERING DATA



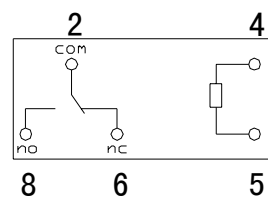
Indian Technological Products Private Limited

22-23, Type-B, Hartron Complex, Electronic City, Sector-18, Udyog Vihar, Gurgaon -122 016, Haryana (India)
 Telephone: +91-124-4013646, 4013647 Fax: +91-124-2398277 Email: info@itpindia.in www.itpindia.com

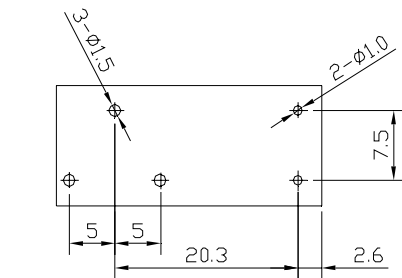
■ OVERALL AND MOUNTING DIMENSIONS



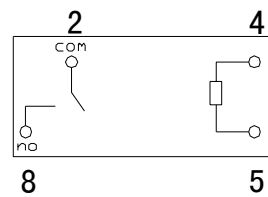
TRC1 D-xxVDC-S-x 1



Z Form C



TRC1 D-xxVDC-S-x 2



H Form A