



TRG5

MAIN FEATURES

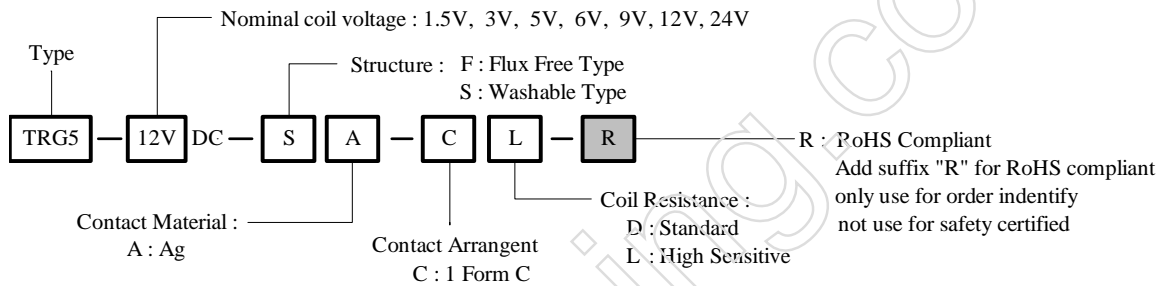
- High Sensitivity : 150 mw.
- 1 Pole Configurations.
- Small Size At 12.5Lx7.5Wx10H mm.
- Sealed Type Available.
- UL and cUL recognized.

APPLICATIONS

- Telecommunication, Domestic appliances, Office Machines, audio equipment.



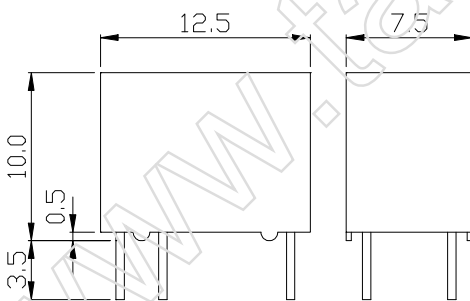
ORDERING INFORMATION



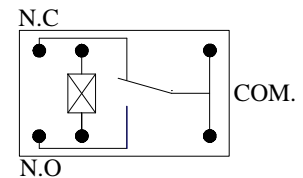
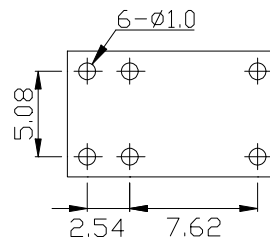
DIMENSION (unit:mm)

DRILLING (unit:mm)

WIRING DIAGRAM



(Bottom views)



COIL DATA CHART (AT20°C)

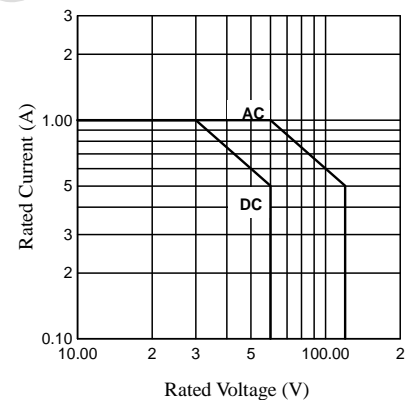
Coil Sensitivity	Nominal Coil Voltage (VDC)	Nominal Current (mA)	Coil Resistance (Ω) $\pm 10\%$	Power Consumption (W)	Pull-In Voltage (VDC)	Drop-Out Voltage (VDC)	Max-Allowable Voltage (VDC)
TRG5 - L (High sensitivity)	1.5	100	15	abt. 0.15W	80% Max.	10% Min.	110%
	3	50.0	60				
	5	29.9	167				
	6	25.0	240				
	9	16.7	540				
	12	12.5	960				
	24	6.25	3840 $\pm 15\%$				
TRG5 - D (Standard)	1.5	132.7	11.3	abt. 0.2 W	80% Max.	10% Min.	110%
	3	66.7	45				
	5	40.0	125				
	6	33.3	180				
	9	22.2	405				
	12	16.7	720				
	24	8.3	2880 $\pm 15\%$				

CONTACT RATING

Type	TRG5
Item	TRG5
Contact Capacity	0.5A 125VAC
Resistive Load ($\cos \phi = 1$)	1A 30VDC
	0.3A 60VDC
Min Permissible Load	1mA at 5VDC
Rated Carrying Current	1A
Max. Allowable Voltage	125VAC 60VDC
Max. Allowable Current	1A
Max. Allowable Power Force	62.5VA 30W
Contact Material	Ag (Au Plated)

REFERENCIAL DATA

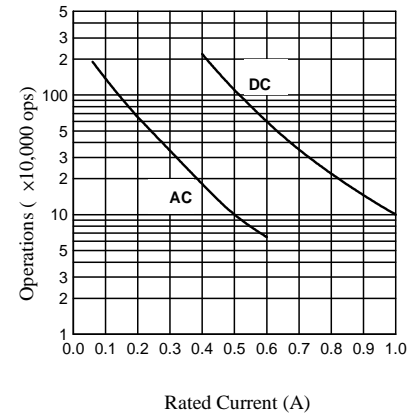
Switching Capacity



PERFORMANCE (at initial value)

Type	TRG5
Item	TRG5
Contact Resistance	100m Ω Max.
Operate Time	5msec Max.
Release Time	5msec Max.
Dielectric Strength	
Between coil & contact	1000VAC 50/60HZ (1 minute)
Between contacts	400VAC 50/60HZ (1 minute)
Insulation Resistance	1000M Ω Min. (500VDC)
Operating Ambient Temperature	-30°C to +70°C (No water condensation and no water drop)
Operating Humidity	35 to 85% RH
Vibration	
Endurance	10 to 55HZ Single Amplitude 3.3mm
Error Operation	10 to 55HZ Single Amplitude 3.3mm
Shock Resistance	100m/s ²
Life Expectancy	
Mechanically	5 $\times 10^6$ OPS
Electrically	1 $\times 10^5$ OPS
Weight	abt. 2.2grs.
UL & cUL	E156521

Electrical Life



This datasheet for reference and subject to change without notice. Please double check final specification with Tai-Shing.