



TRG5

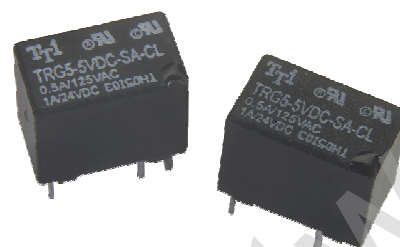
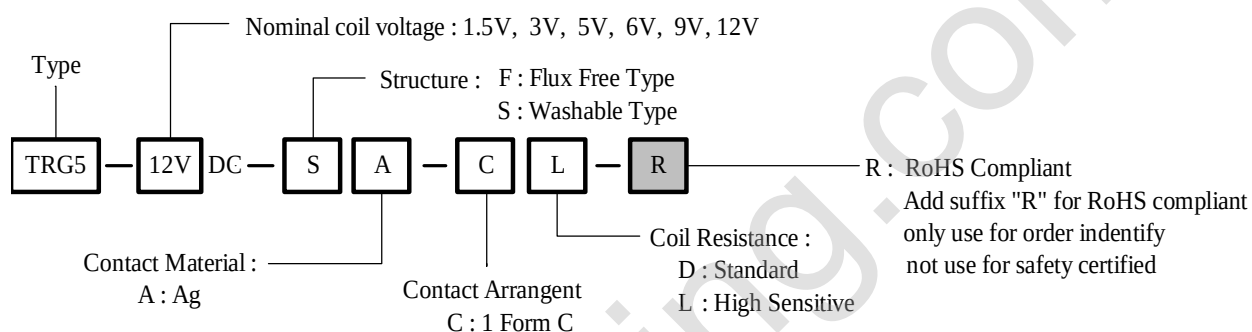
MAIN FEATURES

- High Sensitivity : 150 mw.
- 1 Pole Configurations.
- Small Size At 12.5L×7.5W×9.5H mm.
- Sealed Type Available.
- UL and cUL recognized.

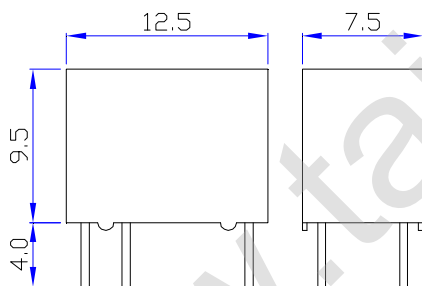
APPLICATIONS

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

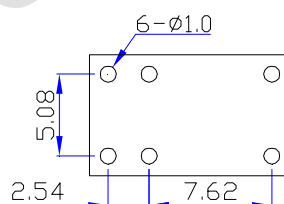
ORDERING INFORMATION



DIMENSION (unit:mm)

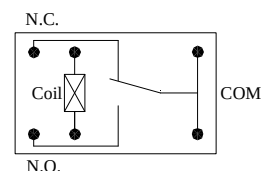


DRILLING (unit:mm)



WIRING DIAGRAM

(Bottom views)



Remark: 1. In case of no tolerance shown in dimension: $\pm 0.5\text{mm}$.
2. The tolerance without indicating for DRILLING is always $\pm 0.1\text{mm}$.

➤ COIL DATA CHART(at 20°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 Type (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				
TRG5 - D Type (Standard)	12	12.5	960	abt. 0.2 W	80% Max.	10% Min.	110%
	1.5	132.7	11.3				
	3	66.7	45				
	5	40.0	125				
	6	33.3	180				
	9	22.2	405				
	12	16.7	720				

➤ CONTACT RATING

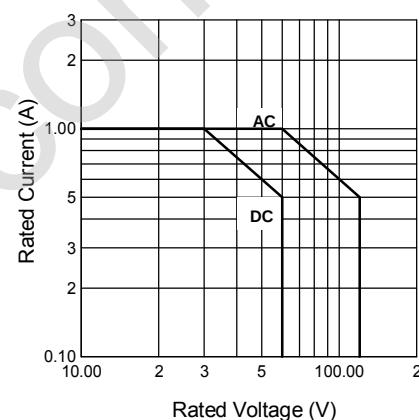
Item	Type	TRG5
Contact Capacity		0.5A 125VAC 1A 30VDC
Resistive Load ($\cos\phi=1$)		0.3A 60VDC
Min Permissible Load		1mA at 5VDC
Rated Carrying Current		1A
Max. Allowable Voltage		125VAC 60VDC
Max. Allowable Current		1A
Max. Allowable Power Force		62.5VA 30W
Contact Material		Ag (Au Plated)

➤ PERFORMANCE (at initial value)

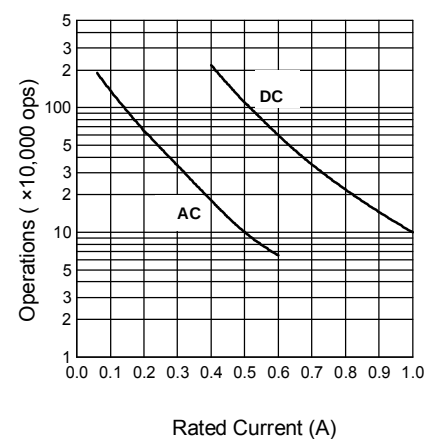
Item	Type	TRG5
Contact Resistance		100m Ω Max.
Operate Time		5msec Max.
Release Time		5msec Max.
Dielectric Strength		Between coil & contact 1000VAC 50/60Hz (1 minute) Between contacts 400VAC 50/60Hz (1 minute)
Insulation Resistance		1000M Ω Min. (500VDC)
Operating Ambient Temperature		-30°C to +70°C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

➤ REFERENCE DATA

Switching Capacity



Electrical Life



This datasheet for reference and subject to change without notice. Please double check final specification with Tai-Shing.
(0939AA08VOL01)