

<b>PCB</b>	<b>TRGB</b>
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- Max. switching current 5A
- Surge strength 7KV
- Conform to ROHS,ELV directive



20.6×7.2×15.3 mm

**ORDERING CODE**

TRGB	L	SS	1	12	D	M	F	(***)
1	2	3	4	5	6	7	8	9
1. Relay Model TRGB — TRGB1—	7 mm 3.5 mm							
2. Coil Power L=0.2 W								
3. SS: Sealed SH: Flux Tight								
			4. 1: 1 Pole 1					8. F: Class F ( 155°C ) 105°C
			5. Coil Nominal Voltage 3, 5, 6, 9, 12, 18, 24VDC					9. *** Special Code
			6. D: DC Voltage					
			7. Contact Form M: Make Contact H					

**COIL DATA** (at 20°C)

Nominal Voltage (VDC)	3	5	6	9	12	18	24	0.2W
Coil Resistance ( $\Omega \pm 10\%$ )	45	125	180	405	720	1620	2880	
Rated Current (mA)	66.6	40	33.3	22.2	16.7	11.1	8.3	
Max Operate Voltage (VDC)	2.25	3.75	4.5	6.75	9.0	13.5	18	
Min Release Voltage (VDC)	0.15	0.25	0.30	0.45	0.6	0.9	1.2	
Max Applicable Voltage	70°C 130% , 23°C 170%							

**CONTACT DATA**

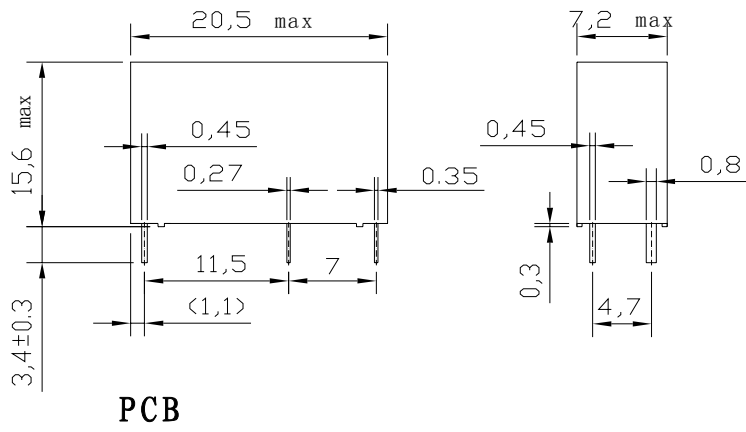
Contact Form	1M
Contact Material	Silver Alloy
Load	Resistive load(COS $\Phi$ =1)
Contact Ratings	5A 250VAC TV-3 (3A@120VAC) 5A 28VDC
Minimum load	10mA 5VDC
Max Switching Voltage	277VAC/30VDC
Max Switching Current	5A
Max Switching Power	1385VA/150W
Contact Resistance	100m $\Omega$ Max at 6VDC 1A
Life Expectancy	Electrical : 100,000 Operations(at30Operations/minute)
	Mechanical : 10,000,000 Operations(at300Operations/minute)

**CHARACTERISTICS DATA**

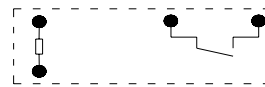
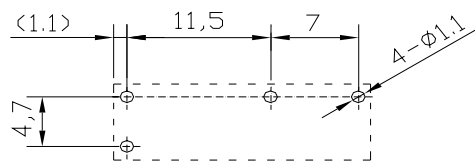
Insulation Resistance	1000M $\Omega$ Min at 500VDC
Dielectric Strength Between Open Contacts	750VAC(for one minute)
Between Contacts and coil	4000VAC(for one minute)
Operate Time	10ms
Release Time	10ms
Temperature Range	-40°C to +105°C
Shock Resistance	Operating Extremes : 10G
	Damage Limits : 100G
Vibration Resistance	10-55Hz, 1.5 mm
Max. switching frequency	Mechanical: 18,000operations/hr Electrical: 1,800operations/hr
Humidity	40-85%
Weight	Approx: 3.7 g

■ OVERALL AND MOUNTING DIMENSIONS

TRGB

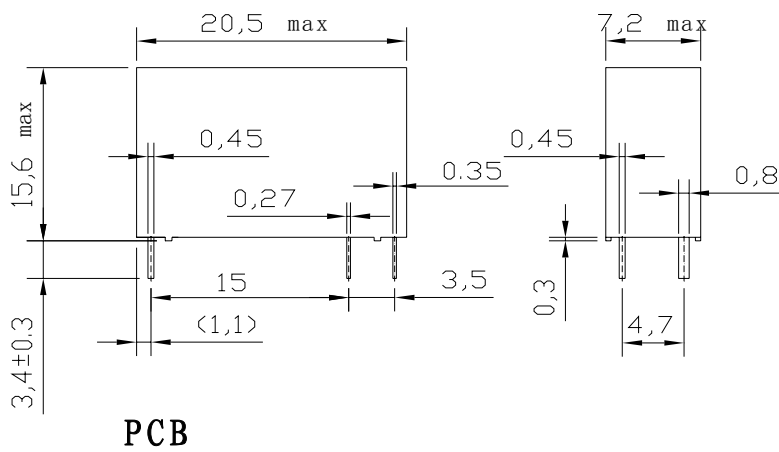


PCB



■ OVERALL AND MOUNTING DIMENSIONS

TRGB1



PCB

