

## FEATURES

- 5A switching capability
- 1 Form A contact arrangement
- 1.0KV Dielectric strength between coil and contacts
- 2500VA Max. Switching Power
- CQC File No.: CQC13002091774



## CONTACT DATA

Contact arrangement	1A
Contact resistance	100mΩ (at 1A 6VDC)
Contact rating - AC	1A: 5A/250VAC
Contact rating - DC	1A: 5A/28VDC
Contact material	Silver Alloy

## CHARACTERISTICS

Insulation resistance	100MΩ 500VDC
Dielectric strength	Between Coil & contact: 2500VAC,1min Between open contact: 1000VAC,1min
Operate time	8 ms
Release time	5 ms
Vibration resistance	10-55Hz, DA 1.5mm
Shock resistance	Functional 98m/s <sup>2</sup> ; Destructive 980m/s <sup>2</sup>
Humidity	35 % ~ 95 %RH
Ambient Temp.	-40℃ ~ +85℃
Electrical life	1×10 <sup>5</sup> ops
Mechanical life	1×10 <sup>7</sup> ops

## COIL DATA

Rated voltage (VDC)	Pick-up Voltage VDC (Max.)	Drop-out Voltage VDC (Min.)	Rated Current (mA±10%)	Coil resistance (Ω ±10%)	Power (mW)
5	3.75	0.25	90	55	450
6	4.5	0.3	75	80	450
9	6.75	0.45	50	180	450
12	9	0.6	37.5	320	450
18	13.5	0.9	25	720	450
24	18	1.2	18.8	1280	450

Notes: 1) All values unspecified are at room temperature.

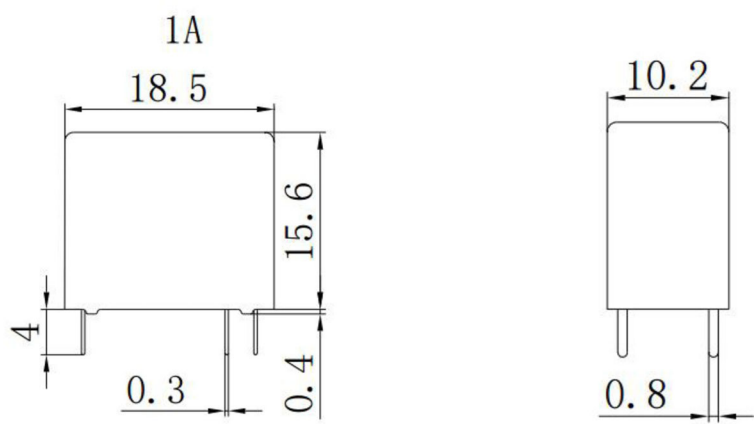
2) Only typical loads are listed above. Other load specifications can be available upon request.

3) For sealed type, the vent-hole cover should be excised.

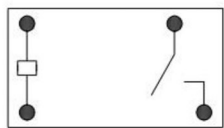
ORDERING INFORMATION

<u>JRA</u>	-	<u>S</u>	-	<u>1</u>		<u>12</u>		<u>D</u>		<u>M</u>	-	<u>XXX</u>
Type	Construction		Contact arrangement		Coil voltage		Coil power		Contact Form		Special code	
JRA	S-Plastic sealed SH- Sealed		1		3-24VDC		D: 0.45W		M: NO		Customer special requirement	

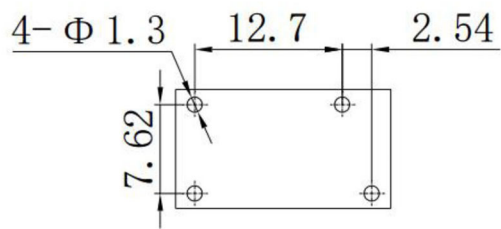
OUTLINE DIMENSIONS, WIRING DIAGRAM AND PC BOARD LAYOUT (Unit: mm)



Schematic



PCB Layout



Remark:1) In case of no tolerance shown in outline dimension: outline dimension≤1mm, tolerance should be ±0.2mm; outline dimension > 1mm and ≤5mm, Tolerance should be±0.3mm; outline dimension > 5mm, tolerance should be ±0.4mm.  
2) The tolerance without indicating for PCB layout is always ± 0.1mm