



UL,C-UL File No.:E179745
TUV File No.:R50031793/3
CQC File No.:CQC02001002452

- Small size (10.6×18.2 ×14.7 in mm)at 5A switching capacity relay for high density P.C.board mounting technique.
- Sealed Construction.

SPECIFICATIONS

Contact

Arrangement	1C	
Contact material	Silver alloy	
Contact resistance (By voltage drop 1A 6VDC)	50 mΩ Max.	
UL/C-UL rating		
Resistance load (cos φ =1)	3A	250VAC
	3A	28VDC
CQC rating	3A/12A 250VAC	
Resistance load		
TUV rating	3A	250VAC
	3A	28VDC
Max.switching voltage	250VAC 30VDC	
Max.switching current	3A	
Max.switching power	1,200VA 140W	
Expected life(min.ope)	Mechanical (at 120 cpm)	1X10 ⁷
	Electrical (at 20 cpm)	1X10 ⁵

Characteristics

Operate time	10 msec.Max.	
Release time	5 msec.Max.	
Operating humidity	45~80%RH	
Initial breakdown voltage	Between contact and coil	2,500VAC (50/60Hz) for 1 min.
	Between open contacts	1,000VAC (50/60Hz) for 1 min.
Insulation resistance	1,00MΩ Min.(500VDC)	
Ambient temperature	-45℃ ~+80℃	
Shock resistance	Functional	10G Min.
	Destructive	100G Min.
Vibration resistance	Functional	10 TO 55 Hz at double Amplitude of 1.5mm
	Destructive	10 TO 55 Hz at double Amplitude of 1.5mm
Unit weight	Approx. 6g	

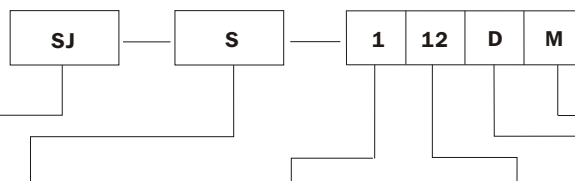
Coil

Nominal operating power	0.45W
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TYPICAL APPLICATIONS

Domestic appliances, Office machines, Audio equipment, Car use, etc.

ORDERING INFORMATION



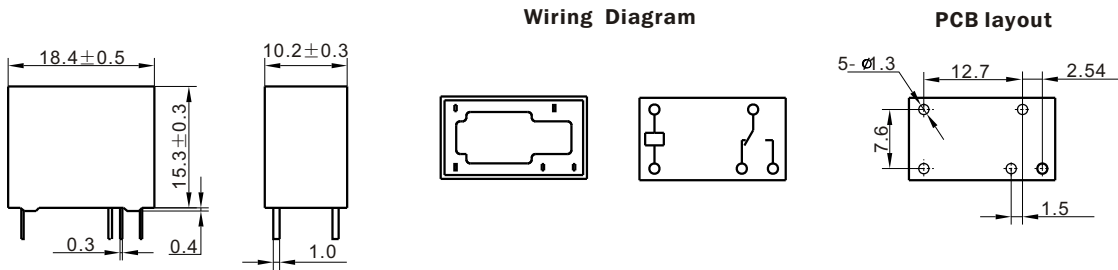
Type	Protective construction	Number of poles	Coil voltage	Coil sensitivity	Contact form
SJ	NIL:Flux type S:Sealed type	1:1 pole	03,05,06,09, 12,18,24	D:0.45W	Nil:1 Form C

COIL(at 20°C)

SJ

Voltage code	Nominal voltage (VDC)	Nominal current (mA)	Coil resistance ($\Omega \pm 10\%$)	Drop-out voltage (VDC)	Pick-up voltage (VDC)	Nominal operating power (W)	Max allowable voltage (VDC)
03	3	150.00	20	5%Min.	75%Max.	0.45	130% of nominal voltage
05	5	90.90	55				
06	6	75.00	80				
09	9	50.33	180				
12	12	37.50	320				
18	18	25.00	720				
24	24	18.80	1,280				

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



CHARACTERISTICS CURVE

