



UL,C-UL File No.:E179745
TUV File No.:R50031793/3
CQC File No.:CQC04001009428

- Slim size (20.3×7 ×15 mm)at 5A switching
- Capacity relay for high density P.C.board mounting technique.
- Wide switching capacity.
- High breakdown voltage:4000Val.

SPECIFICATIONS

Contact

Arrangement	1a	
Contact material	Silver alloy	
Contact resistance (1A 6VDC)	100mΩ Max.	
UL/C-UL rating		
Resistance load (cos φ =1)	3A	277VAC
	3A	30VDC
CQC rating	3A	250VAC
TUV rating	3A	277VAC
Expected life(min.ope)	Mechanical (at 180 cpm)	1X10 ⁷
	Electrical (at 20 cpm)	1X10 ⁵

Characteristics

Operate time	20 msec.Max.	
Release time	10 msec.Max.	
Operating humidity	45~85%RH	
Initial breakdown voltage	Between contact and coil	4,000VAC (50/60Hz) for 1 min.
	Between open contacts	750VAC (50/60Hz) for 1 min.
Ambient temperature	-40℃ ~ +85℃	
Insulation resistance	1,000MΩ Min.(500VDC)	
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. 5g	

Coil

Nominal operating power	0.20W
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TYPICAL APPLICATIONS

1. Domestic appliances
2. Office machines
3. Audio equipment
4. Car use,etc.

ORDERING INFORMATION

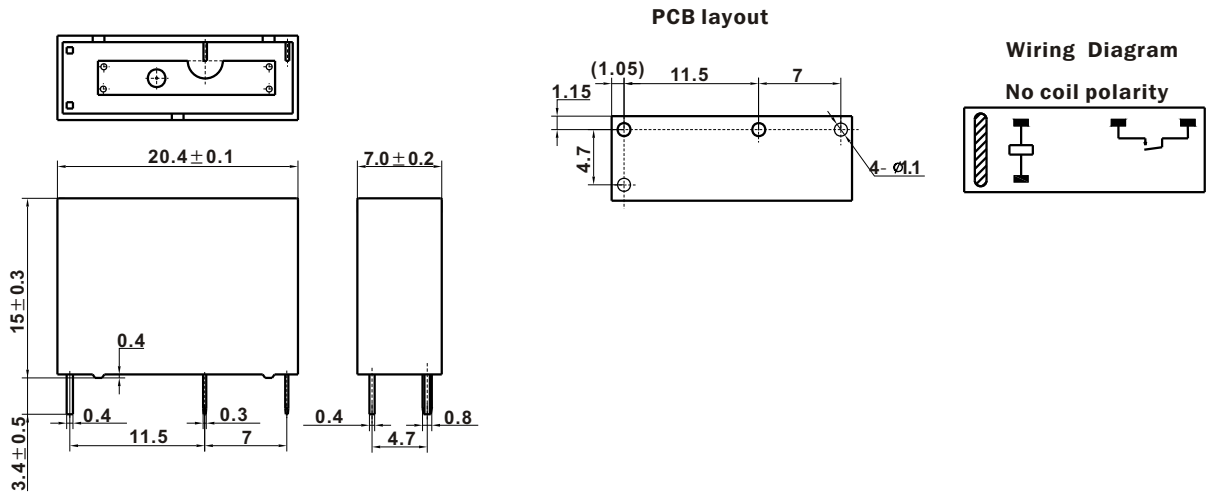
	SRB	S	1	12	D	M		
Type	Protective construction		Number of pole		Coil voltage		Coil sensitivity	Contact form
SRB	NIL:Flux type S:Sealed type		1:1 pole		05,06,09, 12,18,24		D:0.2W	M:1 Form A

COIL(at 20°C)

SRB

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)
05	05	40.00	125	5%Min.	75%Max.	0.20	110% of nominal voltage
06	06	33.33	180				
09	09	22.22	405				
12	12	16.67	720				
18	18	11.11	1,620				
24	24	8.57	2,800				

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



CHARACTERISTICS CURVE

