



UL,C-UL File No.:E179745
TUV File No.:R2024454
CQC File No.:CQC02001002126

- Ultra-miniature size with universal terminal footprint
- High contact capacity : 12A
- Sealed types available
- Low coil power consumption

SPECIFICATIONS

Contact

Arrangement		1a,1b,1c	
Contact material		Silver alloy	
Contact resistive (By voltage drop 1A 6VDC)		50 m Ω Max.	
UL/C-UL rating Resistive load (cos ϕ =1)		1a:	15A 125VAC 10A 250VAC 1c: 12A 125VAC 10A 28VDC 7A 250VAC 10A 28VDC
Inductive load (cos ϕ =0.75~0.8)		1a:	7A 250VAC 1c: 3A 125VAC
CQC rating		7A/28A	250VAC
TUV rating		7A 7A	250VAC 28VDC
Max.switching voltage		250VAC	28VDC
Max.switching current		15A	
Max.switching power		2,500VA	280W
Exoected life(min.ope)	Mechanical (at 180 cpm)	1X10 ⁷	
	Electrical (at 20 cpm)	1X10 ⁵	

Characteristics

Operate time		8 msec.Max.
Release time		5 msec.Max.
Operating humidity		45~85%RH
Initial breakdown voltage	Between contact and coil	1,500VAC (50/60Hz) for 1 min.
	Between open contacts	750VAC (50/60Hz) for 1 min.
Insulation resistance		100M Ω Min.(500VDC)
Ambient temperature		-40℃ ~ +85℃
Temperature rise (Max.)		65℃
Shock resistance	Functional	10G Min.
	Destruction	100G Min.
Vibration resistance	Functional	10 TO 55 Hz at double Amplitude of 1.5mm
	Destruction	10 TO 55 Hz at double Amplitude of 1.5mm
Unit weight		Approx. 9g

Coil

Nominal operating power	0.36W
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TYPICAL APPLICATION

1. Home appliances:Air conditioner,hearter,etc.
2. Automotive :Power-windows,car antenna,door-lock.etc.
- 3.office machines:PPC, facsimile,etc.
- 4.Vending machines.

ORDERING INFORMATION

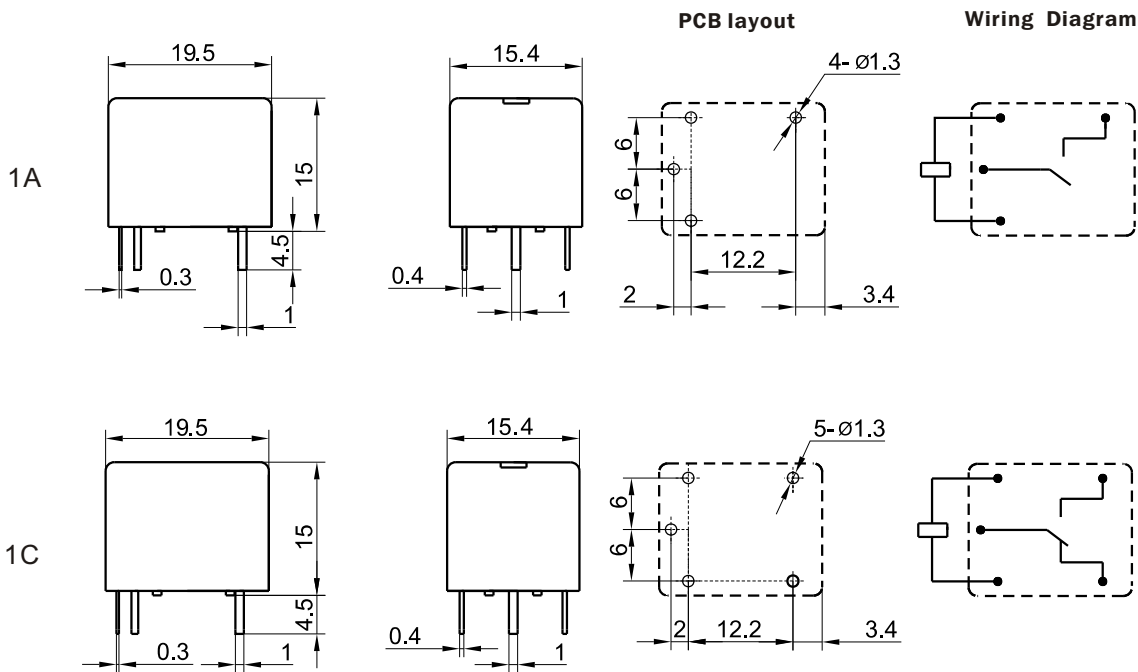
SRD S 1 12 D M					
Type	Protective construction	Number of pole	Coil type	Coil sensitivity	Contact form
SRD	NIL:Flux type S:Seadled type	1:1 pole	03,05,06,09, 12,18,24,48	D:0.36W	M:1 Form A B:1 Form B Nil:1 Form C

COIL(at 20°C)

SRD

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	120.00	25	5%Min.	75%Max.	0.36	130% of nominal voltage
05	5	72.46	69				
06	6	60.00	100				
09	9	40.00	225				
12	12	30.00	400				
18	18	20.00	900				
24	24	15.00	1,600				
48	48	7.50	6,400				

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



CHARACTERISTICS CURVE

