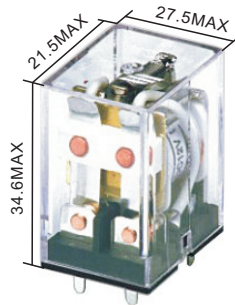


SMBH Series MINIATURE INTERMEDIATE POWER RELAY 5A

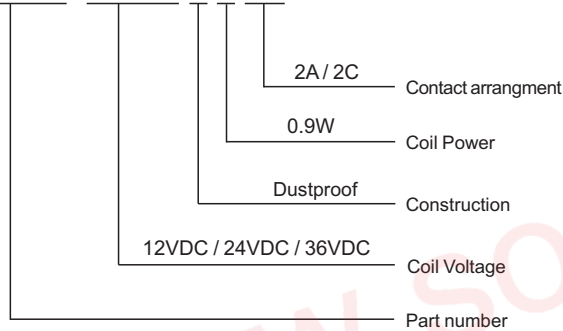


Features

- Low coil power consumption with high sensitive
- Long service endurance, high reliability
- PCB terminal, socket types available for different consideration

Ordering Information

SMBH-12VDC-F L-2C



Contact Rating

Contact arrangement	2 A / 2 C
Voltage drop	100m Ω MAX
Contact material	Silver alloy: AgCdO、AgSnO ₂ 、AgNi
Contact rating	10A/250VAC 15A/250VAC
Max switching voltage	250VAC
Max switching current	15A
Max switching power	3750VA
Electrical endurance (frequency: 900 ops/h)	1x10 ⁵ ops
Mechanical endurance (frequency: 7200 ops/h)	1x10 ⁷ ops

Characteristics

Insulation system	Class B / Class F	
Insulation resistance	100M Ω (500VDC)	
Dielectric Strength	Between contacts and coil	1500VAC 1minute
	Between open contacts	1000VAC 1minute
Operate time(Under nominal voltage)	≤25ms	
Release time(Under nominal voltage)	≤25ms	
Humidity	85% RH (20°C)	
Ambient Temperature	-40°C~+85°C	
Shock resistance	Functional	98m/s ²
	Destructive	980m/s ²
Vibration resistance (Double amplitude)	10Hz~55Hz 1.5mm	
Weight	Approx 35g	
Construction	Sealed	

Remark:1)All above data is initial value

Coil Data

(at 20°C)

Power dissipation W	Voltage VDC	Current mA	Resistance Ω ± 10%	Pick-up voltage	Drop-out voltage	Max allowable
Approx 0.9W	12	75	160	75%Max	10%Min	130%
	24	36.9	650			
	48	18.5	2600			

This product specification only for your reference, we will not notify you if we do any improvement. We reserve all the right for the final explanation



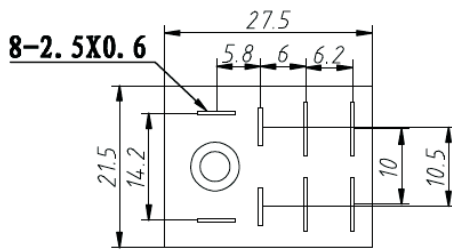
Web: www.songle.com www.songlerelay.com

Add.: CW7, Zone A, Far East Industrial Park, Yuyao City, Zhejiang, China Zip Code: 315400

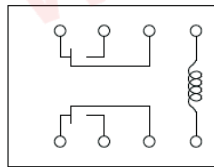
OUTLINE DIMENSIONS ,WIRING DIAGRAM, MOUNTING HOLES

Unit:mm

Physical installation dimension diagram

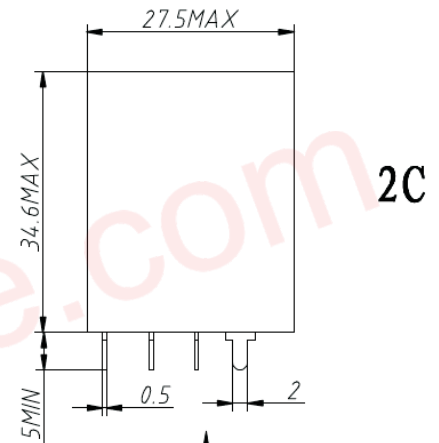


A



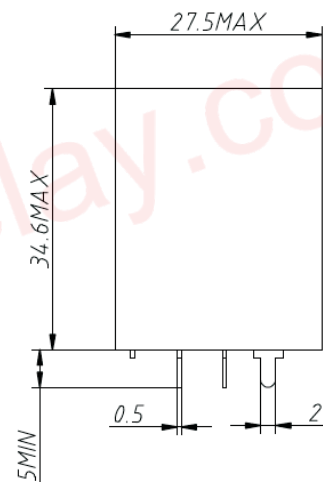
Electrical diagram

Bottom view diagram



2C

A



2A

Tolerance: ± 0.1

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