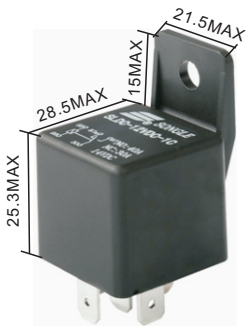
SLDC Series AUTOMOTIVE RELAY 30A/40A



Features

- 40A switching capability
- Variety of installations
- Dustproof cover type

RoHS Compliant

Ordering Information

SLDC-12-S-1- R-C

- A / B / C — Contact arrangment
- R: resistor/D: diode; Without: without parallel components — Parallel coil components
- 1.PCB type; 2.Plastic bracket, QC terminal; 3.Metal bracket, QC terminal; Without: QC terminal — Version
- S sealed / F dustproof — Construction
- 12VDC/ 24VDC — Coil Voltage
- Part number

Contact Rating

Contact arrangment	A /B/C
Voltage drop	≤200mV
Contact material	Silver alloy: AgCdO、AgSnO2、AgNi
Contact rating	30A/40A 14VDC
Max switching voltage	50VDC
Max switching current	40A（resistive 14VDC）
Min contact load	1A 6VDC
Electrical endurance (frequency: 900 ops/h)	$1x10^5$ops
Mechanical endurance (frequency: 18000 ops/h)	$1x10^7$ops

Characteristics

Insulation system		Class B / Class F
Insulation resistance		100MΩ(500VDC)
Dielectric Strength	Between contacts and coil	550VAC 1minute
	Between open contacts	550VAC 1minute
Operate time(Under nominal voltage)		≤10ms
Release time(Under nominal voltage)		≤10ms
Humidity		85% RH（20℃）
Ambient Temperature		-40℃~+125℃
Shock resistance	Functional	98m/s²
	Destructive	980m/s²
Vibration resistance (Double amplitude)		10Hz~55Hz 1.5mm
Weight		Approx 36g
Construction		Dustproof and Sealed type

Remark:1)All above data is initial value

Coil Data （at 20℃）

Power dissipation W	Voltage VDC	Current Ω±10%	Resistance Ω	Pick-up voltage	Drop-out voltage	Max allowable
1. 6	12	90		70%Max	10%Min	130%
1. 8	12	90	680			
1. 6	24	360				
1. 8	24	360	2700			
1. 8	24	320				
2	24	320	2700			

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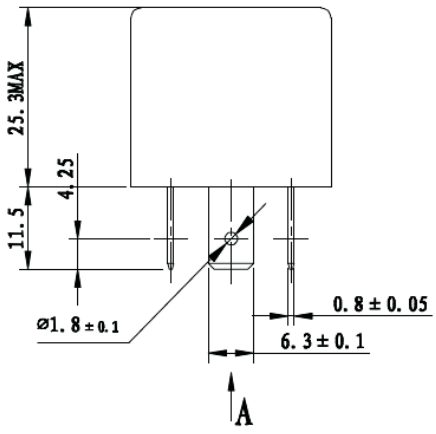
松乐继电器 SONGLE RELAY
Web：www.songle.com www.songlerelay.com
Add.：CW7, Zone A, Far East Industrial Park, Yuyao City, Zhejiang, China Zip Code：315400

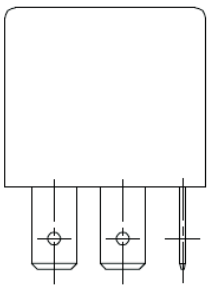
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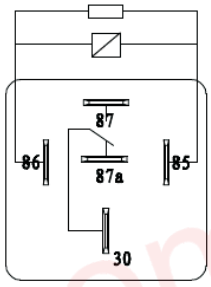
OUTLINE DIMENSIONS ,WIRING DIAGRAM

Unit:mm

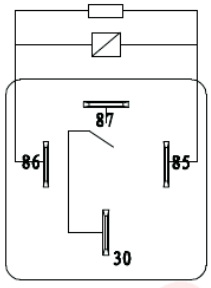
SLDC-12(24)-(S)-R-C(A/B)



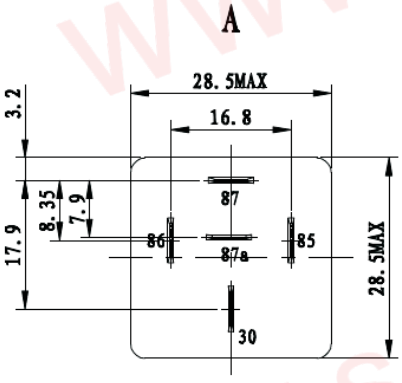


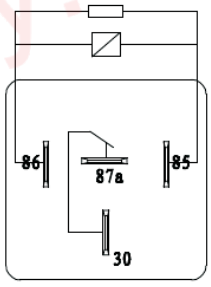


Conversion C type



Normally open A type





Normally closed B type

Tolerance: ±0.3

Terminal devration tolerance is 0.2mm

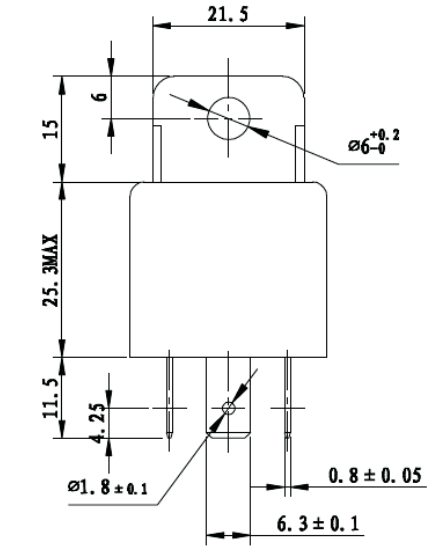
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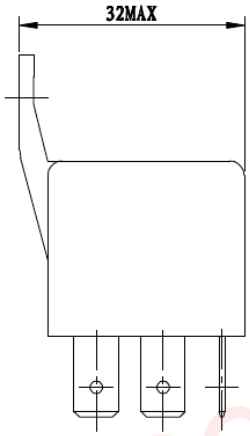
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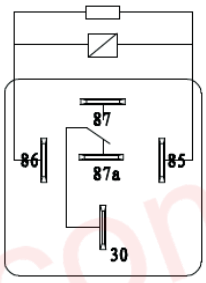
OUTLINE DIMENSIONS ,WIRING DIAGRAM

Unit:mm

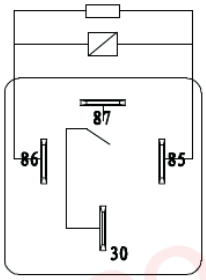
SLDC-12(24)-(S)-2-R-C(A/B)



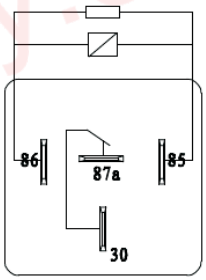




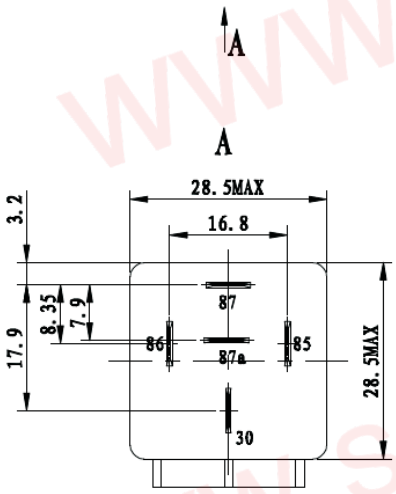
Conversion C type



Normally open A type



Normally closed B type



Tolerance: ±0.3

Terminal devration tolerance is 0.2mm

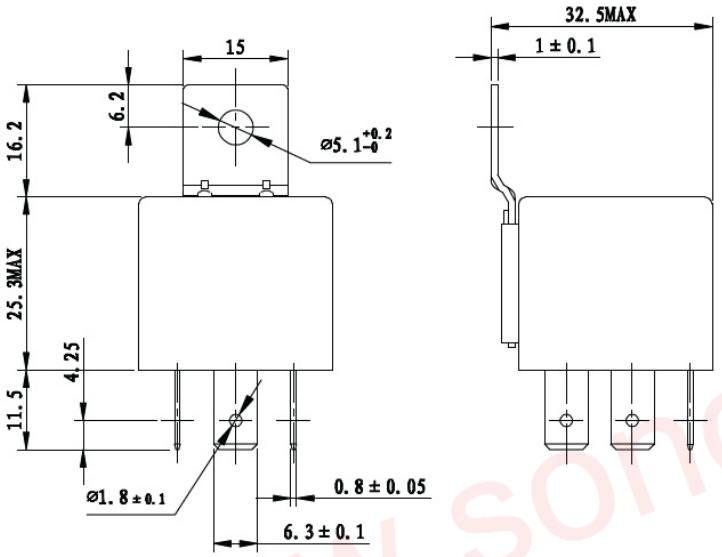
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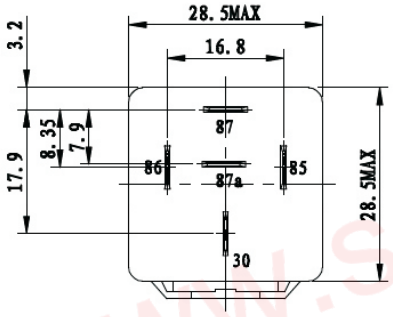
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Web: www.songle.com www.songlerelay.com
Add.: CW7, Zone A, Far East Industrial Park, Yuyao City, Zhejiang, China Zip Code: 315400

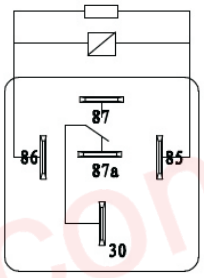
OUTLINE DIMENSIONS ,WIRING DIAGRAM

Unit:mm

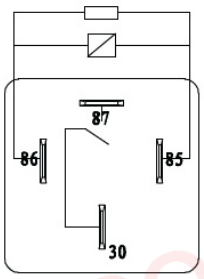
SLDC-12(24)-(S)-3-R-C(A/B)



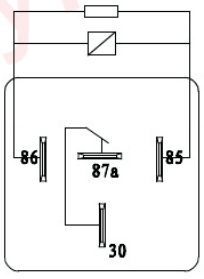




Conversion C type



Normally open A type



Normally closed B type

Tolerance: ±0. 3

Terminal devration tolerance is 0. 2mm

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