

A2

26.0 x 26.0 x 24.5 (39.5) mm

- Large switching capacity up to 40A
- Small size and light weight
- PCB pin and quick connect mounting available
- Suitable for automobile and lamp accessories
- QS-9000, ISO-9002 Certified Manufacturing

Contact Data

Contact Arrangement	1A = SPST N.O.		
	1B = SPST N.C.		
	1C = SPDT		
	1U = SPST N.O. (2 terminals)		
Contact Rating	1A: 40A @ 14VDC		
	1B : 30A @ 14VDC		
	1C : 40A @ 14VDC N.O. and		
	: 30A @ 14VDCN.C.		
	1U : 2x20A @ 14VDC		

Contact Resistance	< 30 milliohms initial		
Contact Material	AgSnO ₂		
Maximum Switching Power	630W		
Maximum Switching Voltage	75VDC		
Maximum Switching Current	40A		

Coil Data

Coil Vo	oltage OC	Coil Resistance Ω +/- 10%		Pick Up Voltage VDC (max)	Release Voltage VDC (min)	Coil Power W	Operate Time ms	Release Time ms
Rated	Max	1.6W	1.9W	. 70% of rated voltage	10% of rated voltage			
6	7.8	22.5	19	4.20	.6			
12	15.6	90	75.8	8.40	1.2	1.60 or 1.90	7	5
24	31.2	360	303.2	16.80	2.4			

RoHS Compliant

General Data

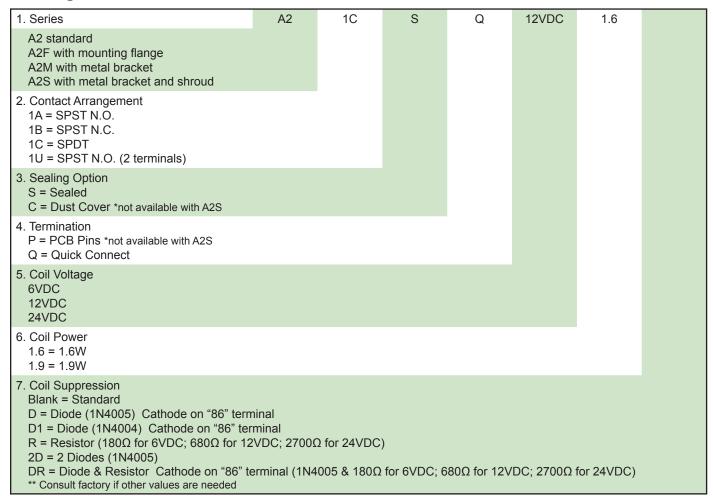
Electrical Life @ rated load	100K cycles, typical		
Mechanical Life	10M cycles, typical		
Insulation Resistance	100M Ω min. @ 500VDC		
Dielectric Strength, Coil to Contact	750V rms min. @ sea level		
Contact to Contact	500V rms min. @ sea level		
Shock Resistance	147m/s ² for 11 ms		
Vibration Resistance	1.5mm double amplitude 10~40Hz		
Terminal (Copper Alloy) Strength	8N (quick connect), 4N (PCB pins)		
Operating Temperature	-40°C to +125°C		
Storage Temperature	-40°C to +155°C		
Solderability	260°C for 5 s		
Weight	31g		

Caution

 The use of any coil voltage less than the rated coil voltage may compromise the operation of the relay.



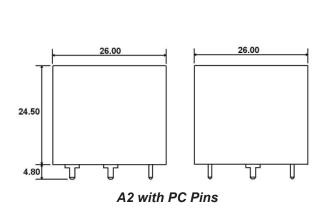
Ordering Information

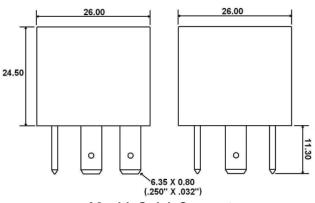


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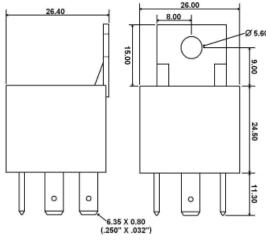
Dimensions

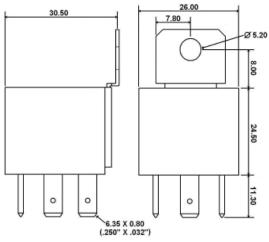
Units = mm





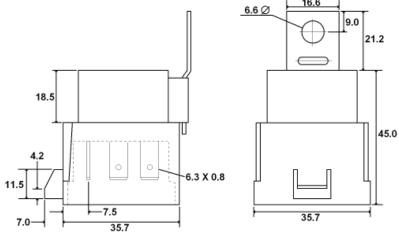
RELAY & SWITCH™ on of Circuit Interruption Technology, Inc.





A2F with Quick Connect

A2M with Quick Connects



A2S with Quick Connects

Schematics, PC Pin Dimenstions & PC Layouts

Bottom Views

