14.5 x 7.7 x 13.7 mm

- Small size and light weight
- 25A switching capacity
- F Class materials standard
- QS-9000, ISO-9002 Certified Manufacturing

Contact Data

Contact Arrangement	1C = SPDT
Contact Rating	25A @ 14VDC
Contact Resistance	< 50 milliohms initial
Contact Material	AgSnO ₂ In ₂ O ₃

Maximum Switching Power	480W
Maximum Switching Voltage	20VDC
Maximum Switching Current	30A

Coil Data

	oltage DC	Coil Resistance Ω +/- 10%		Pick Up Voltage VDC (max) 70% of rated	Release Voltage VDC (min)	Coil Power W	Operate Time ms	Release Time ms
Rated	Max	.64W	.80W	voltage	voltage			
12	15.6	225	180	8.40	1.2	.64 & .80	10	5

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	1500V rms min. @ sea level	
Contact to Contact	1000V rms min. @ sea level	
Shock Resistance	100m/s ² for 11 ms	
Vibration Resistance	1.27mm double amplitude 10~40Hz	
Terminal (Copper Alloy) Strength	4N	
Operating Temperature	-40°C to +105°C	
Storage Temperature	-40°C to +155°C	
Solderability	260°C for 5 s	
Weight	4.1g	

Caution

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

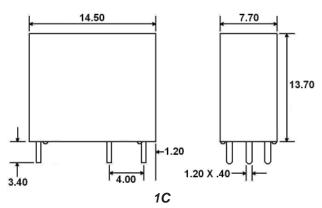


Ordering Information

1. Series	A16	1C	S	12VDC	.64
A16					
Contact Arrangement C = SPDT					
3. Sealing Option S = Sealed C = Dust Cover					
4. Coil Voltage 12VDC					
5. Coil Power .64 = .64W .80 = .80W					

Dimensions

Units = mm



fax - 763.535.2194

Schematics & PC Layouts

Bottom Views

