


**FEATURES**

- 50 Amps Continuous Carrying Current
- Internal Diode or Resistor Option
- Sockets Available


**CONTACT RATINGS**

Contact Form	1A SPST N.O. 1C SPDT
Contact Rating	1A 50A @ 14VDC, resistive 20A @ 28VDC, resistive 1C NO 50A @ 14VDC, resistive NC 30A @ 14VDC, resistive NO 20A @ 28VDC, resistive NC 15A @ 28VDC, resistive

**CHARACTERISTICS**

Insulation Resistance	100 MΩ min. at 500 VDC
Dielectric Strength	500 Vrms, 50 Hz, between contacts 750 Vrms, 50 Hz, between coil & contacts
Power Consumption	1.6W
Terminal Strength	8N quick connect, 4N PCB pins
Solderability	260°C 5 s ± 0.5 s
Operating Temperature	-40°C to 125°C
Storage Temperature	-40°C to 155°C
Shock Resistance	294 m/s <sup>2</sup> 11 ms
Vibration Resistance	10-22.3Hz; 10mm double amplitude
Weight	35.0g

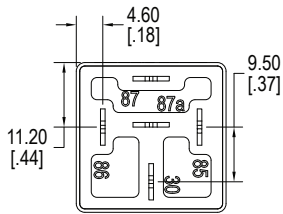
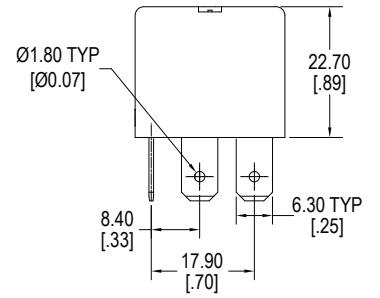
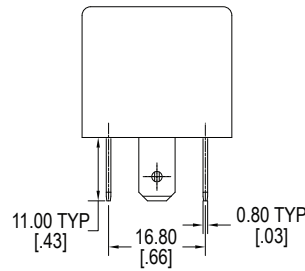
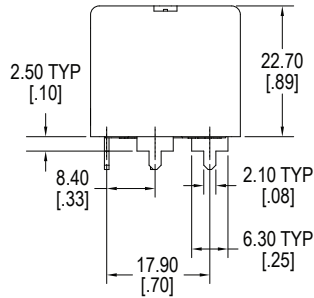
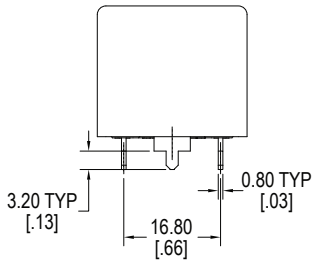
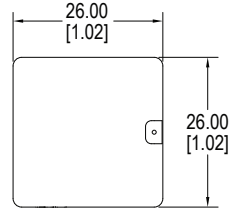
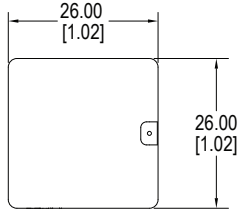
**CONTACT DATA**

Maximum Switching Power	700 W
Maximum Switching Voltage	75 VDC
Maximum Continuous Current	50 A
Material	AgSnO <sub>2</sub>
Initial Contact Resistance	50 mΩ max.
Service Life	Mechanical 1 x 10 <sup>7</sup> operations Electrical 1 x 10 <sup>5</sup> operations

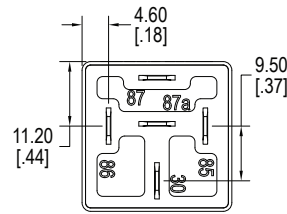
Values can change due to the switching frequency, desired reliability levels, environmental conditions, and in-rush current levels. It is recommended to test to actual load conditions for the application. It is the users responsibility to determine the performance suitability for their specific application. The use of any coil voltage less than the rated coil voltage may compromise the operation of the relay.



**DIMENSIONS** mm (inches)

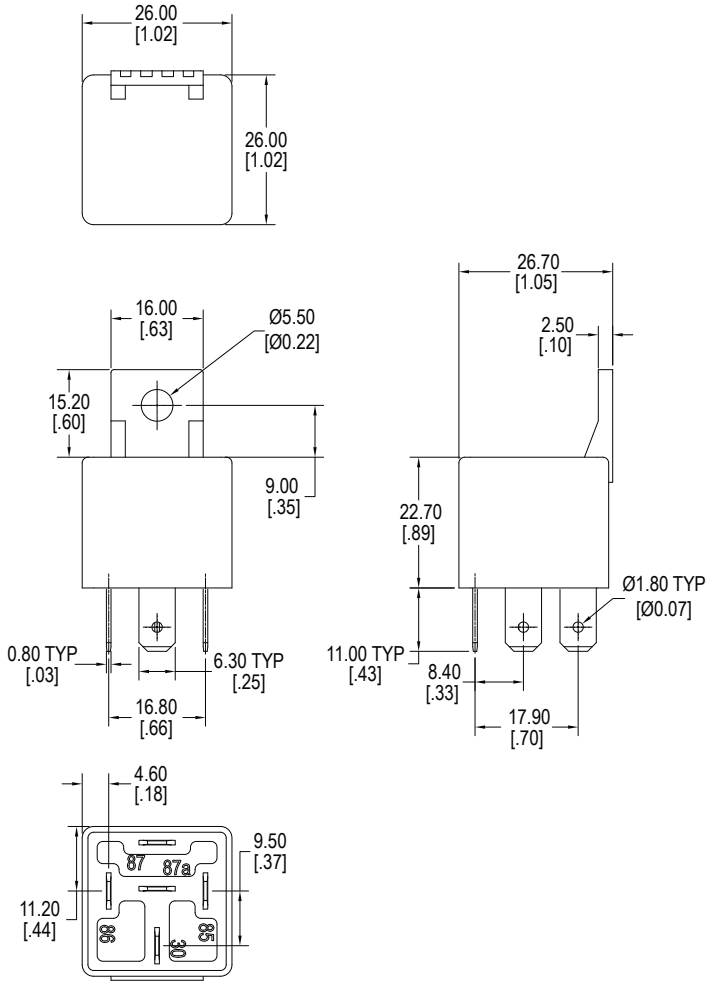


Standard with PC Pins (P)

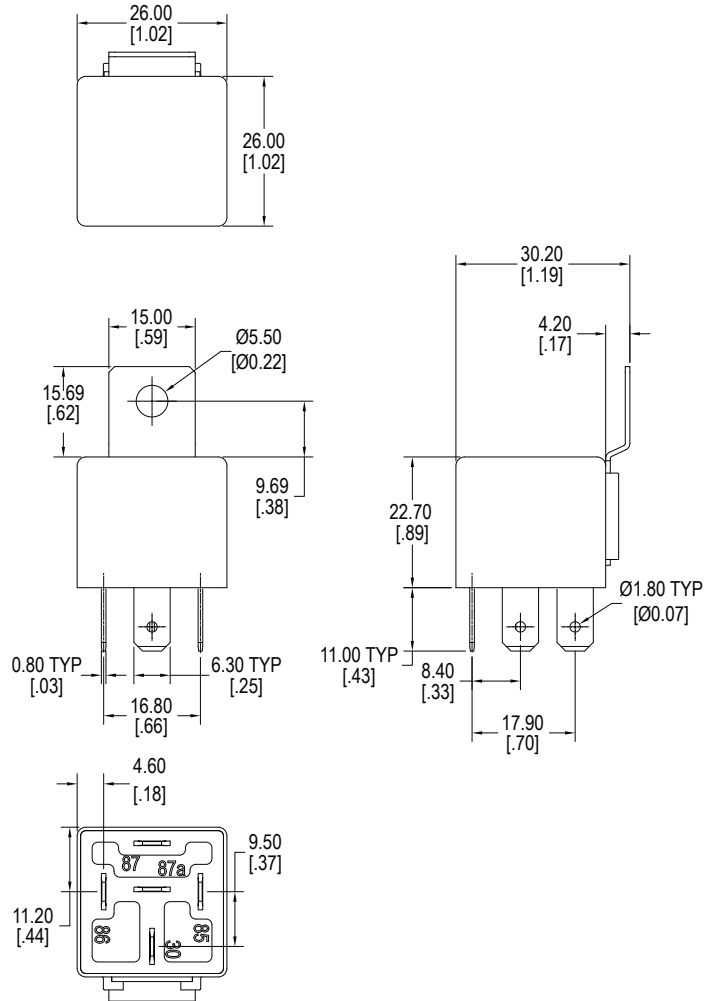


Standard with Quick Connect (C)

**DIMENSIONS** mm (inches)

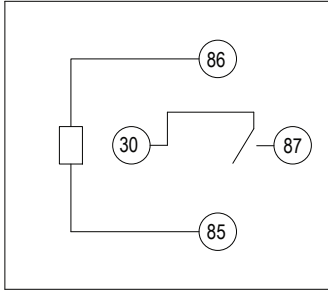


Quick Connect with Plastic Bracket

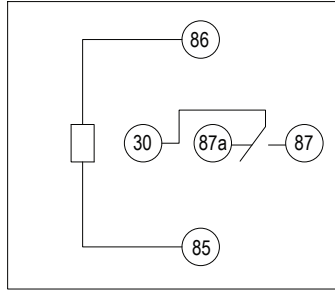


Quick Connect with Metal Bracket

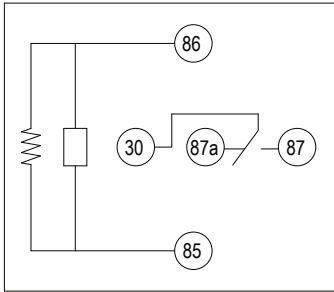
**SCHEMATICS** *Bottom Views*



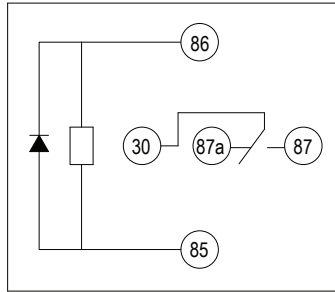
1A



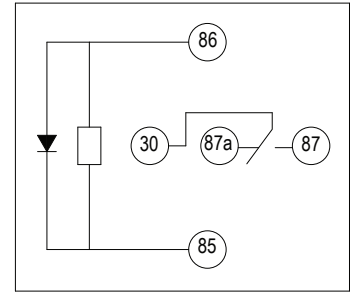
1C



1C with Resistor



1C with Diode



1C with Reverse Diode

**PC LAYOUT**

