

46 Series - General Purpose Relay

4PDT, 7.5 Amps

The 46 series is a 4 pole, hermetically sealed, sub-miniature relay. It's 7.5 amps with 4.7 watt coil. The 46 series is highly resistant to vibration and shock. Metal can provides maximum sealed protection.

GENERAL SPECIFICATIONS (@ 25° C)

Contacts:

Contact Configuration	4PDT
Contact Material	Silver Alloy
Contact Rating	
120 / 240VAC Resistive	7.5 Amp @ 120VAC
28VDC Resistive	7.5 Amp
Contact Resistance, Initial	50 milliohms max @ 6VDC

Coil:

Coils Available	DC
Nominal Coil Power	4.7W
Input Voltage Tolerance - AC	N/A
Input Voltage Tolerance - DC	80% to 110% of nominal
Drop-out voltage	10% of nominal
Duty	Continuous

Timing:

Operate Time (max)	20 mS
Release Time (max)	10 mS

Dielectric Strength:

Across Open Contacts	500Vrms
Between mutually insulated point	1000Vrms
Insulation resistance	10,000 Mohms min @ 500VDC

Temperature:

Operating	-65 to 125°C (-85 to 257°F)
Storage	-65 to 125°C (-85 to 257°F)

Life Expectancy:

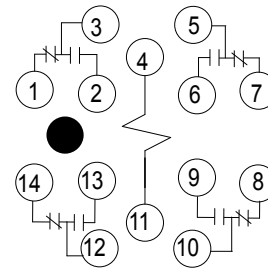
Electrical (full load)	100,000
Mechanical (no load)	5,000,000

Miscellaneous:

Shock	100G/6mSec/ 1/2 Sine Wave pulse
Vibration	15G/10-200Hz
Mounting Position	Any
Enclosure	Metal Can
Weight	4.0 oz (113 grams)

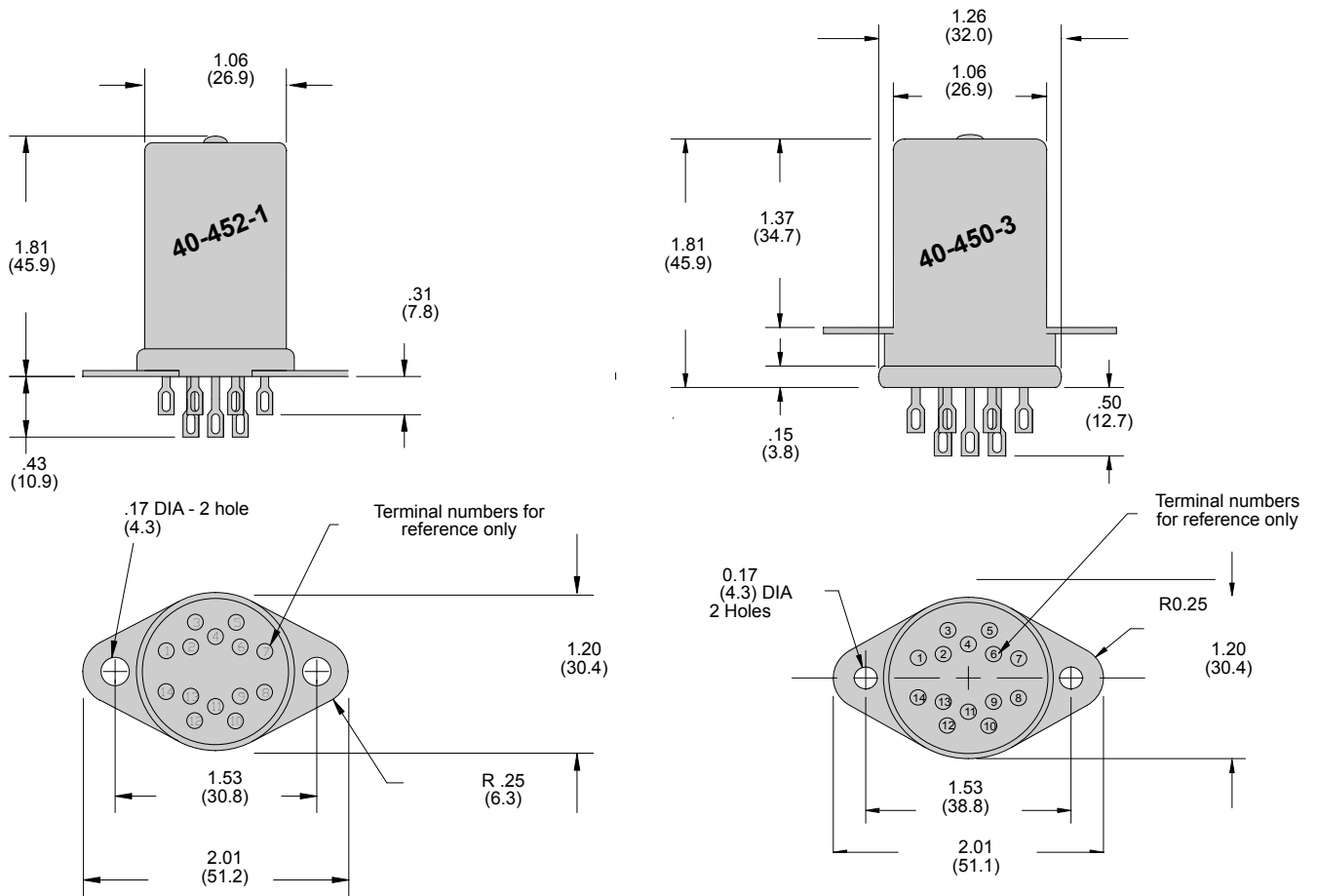


46 Wire Diagram



General Purpose Relays

Outline Dimensions Dimensions Shown in inches & (millimeters)



46 Part Number Chart

Part number	Nominal input voltage	Operate voltage	Resistance (ohms)	Enclosure
46HSX-10	26.5VDC	10VDC	150	40-450-3
46HPX-18	26.5VDC	13.3VDC	150	40-452-1