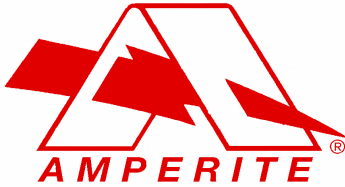


Solving your Relay requirements since 1922



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 567 52nd Street
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MP2 - Series

Miniature General Purpose Relays



10A & 15A Switching Capabilities

1 and 2 Pole Configurations

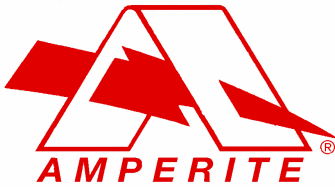
PCB and Plug-In Terminals

Clear See-Thru Dust Cover

SPECIFICATIONS

Contact Material	Silver Alloy		
Contact Resistance	Maximum 50 Milliohms		
Operate Time	Maximum 25 Milliseconds		
Release Time	Maximum 25 Milliseconds		
Insulation Resistance	500 Megohm Minimum (500 VDC)		
Dielectric Withstanding Voltage	—		
Coil to Contact	1500 VAC (50 / 60 Hz) for 1 Minute		
Between Open Contacts	1000 VAC (50 / 60 Hz) for 1 Minute		
Vibration Resistance	Functional	10 to 55 Hz Double Amplitude of 1.0 mm	
	Destruction	10 to 55 Hz Double Amplitude of 1.0 mm	
Shock Resistance	Functional	10 G's Minimum	
	Destruction	100 G's Minimum	
Life (Minimum Operations)	Mechanical	At 180 CPM	20,000,000
	Electrical	At 20 CPM	100,000
Ambient Temperature	-40° C to +70° C		
Operating Humidity	98% RH @ 40° C		
Unit Weight	37 Grams		

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CONTACT RATINGS

Arrangement	1C / 2 C
Resistive Load Cos. $\Phi = 1$	1C: 15A 220 VAC / 28 VDC 2C: 10A 220 VAC / 28 VDC
Maximum Contact Voltage	28 VDC / 250 VAC
Maximum Contact Current	1C = 15A 2C = 10 A

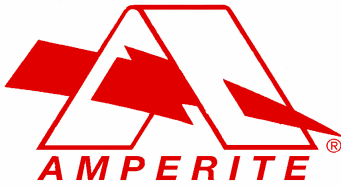
COIL DATA (at 20 °C)

Nominal Voltage	12VDC	24VDC	110 / 120 / 240VAC
Pick-up Voltage VDC (Max.)	9.6VDC	19.2VDC	96 / 96 / 176 VAC
Drop-out Voltage VDC (Min.)	1.2 VDC	2.40 VDC	36 / 36 / 66 VAC
Coil Resistance	160 $\Omega \pm 10\%$	650 $\Omega \pm 10\%$	4450 / 4550 / 14400 $\Omega \pm 15\%$
Power Consumption	0.9 W	0.9 W	2.7 / 3.2 / 4.0 VA
Max. Allowable Voltage	110% of Nominal Voltage		

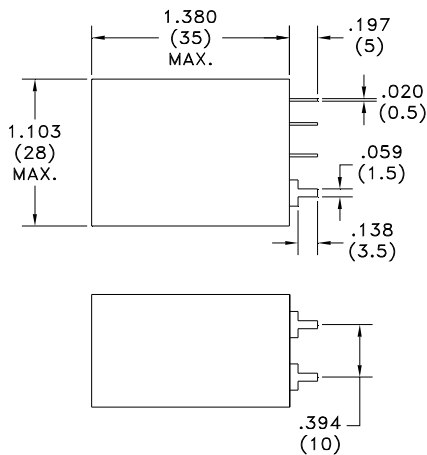
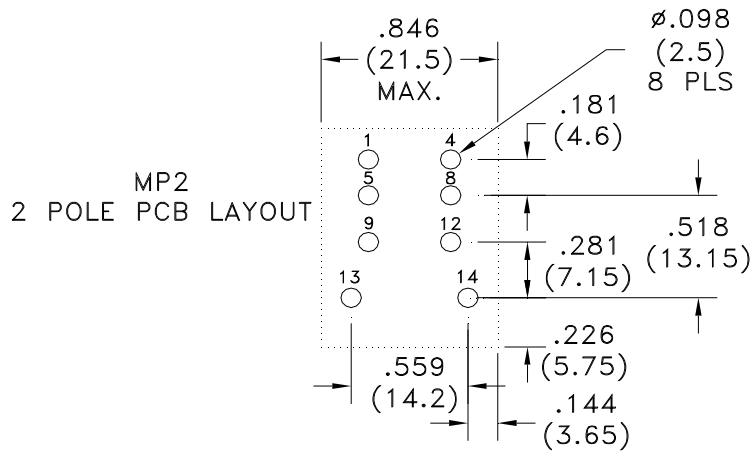
THE AMPERITE PART NUMBERING SYSTEM IS LISTED BELOW. IF YOU DO NOT
 SEE THE NUMBER LISTED THAT YOU NEED, PLEASE CONTACT US. WE CAN
 PROVIDE MOST TYPES OF RELAYS AVAILABLE TODAY.

Part Number	CONTACT ARRANGEMENT	COIL VOLTAGE	TERMINATION
MP2-1C 110A 01	1C = 1 Form C	110A = 110VAC	01 = Plug In
MP2-2C 012D 01	2C = 2 Form C	012D = 12VDC	01 = Plug In
MP2-2C 024D 01	2C = 2 Form C	024D = 24VDC	01 = Plug In
MP2-2C 120A 02	2C = 2 Form C	120A = 120VAC	02 = PCB Mount
MP2-2C 220A 02	2C = 2 Form C	220A = 220VAC	02 = PCB Mount
MP2-2C 240A 01	2C = 2 Form C	240A = 240VAC	01 = Plug In

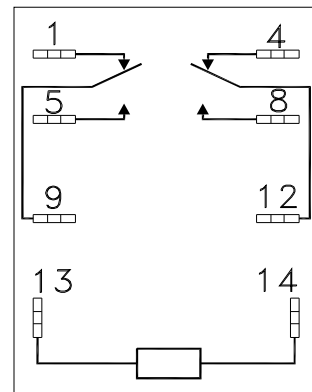
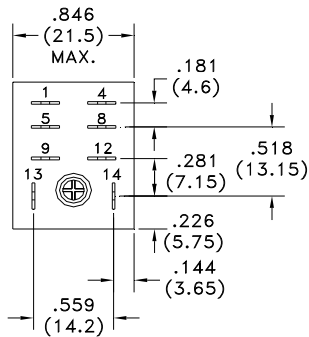
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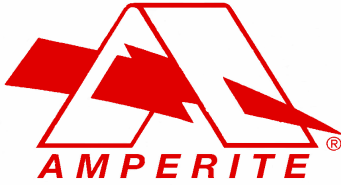


Outline Dimensions MP2
2 Pole PCB Terminals

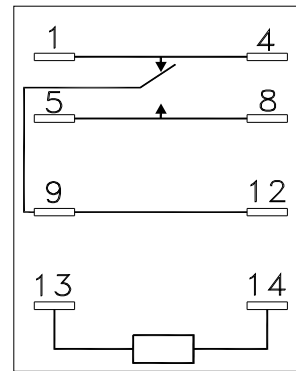
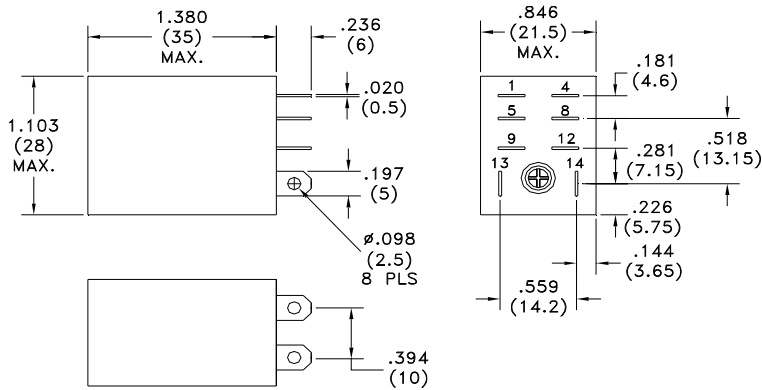


Wiring Diagram

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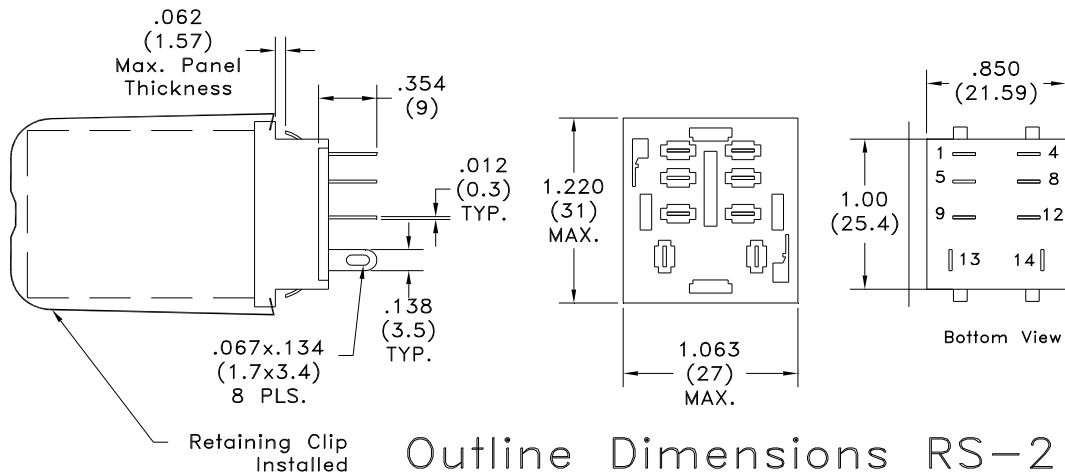


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Outline Dimensions MP2
 1 Pole Plug-In

Wiring Diagram



Outline Dimensions RS-21