



Features

- Switching capacity up to 10A
- Small size and light weight
- Low coil power consumption, High contact load
- Strong resistance to shock and vibration



Contact Data*

Contact Arrangement	2C = DPDT 3C = 3PDT 4C = 4PDT	Contact Resistance	< 50 milliohms initial
Contact Rating	UL 2 & 3 Pole : 10A @ 220VAC & 28VDC, General Purpose 4 Pole : 5A @ 220VAC & 28VDC, General Purpose	Contact Material	AgCdO
	TÜV 2 Pole : 5A @ 220VAC & 28VDC, 100K cycles, 70°C	Max Switching Power	2C, & 3C : 280W, 2200VA 4C : 140W, 110VA
		Max Switching Voltage	300VAC
		Max Switching Current	10A

Coil Data DC Parameters*

Coil Voltage VDC		Coil Resistance Ω +/- 10%	Pick Up Voltage VDC (max)	Release Voltage VDC (min)	Coil Power W	Operate Time ms	Release Time ms
Rated	Max		75% of rated voltage	10% of rated voltage			
12	13.2	160	9.0	1.2	.9	25	25
24	26.4	640	18.0	2.4			
110	121.0	11000	82.5	11.0			

Coil Data AC Parameters*

Coil Voltage VAC		Coil Resistance Ω +/- 10%	Pick Up Voltage VAC (max)	Release Voltage VAC (min)	Coil Power VA	Operate Time ms	Release Time ms
Rated	Max		80% of rated voltage	30% of rated voltage			
12	13.2	46	9.6	3.6	1.2	25	25
24	26.4	184	19.2	7.2			
110	121.0	3750	88.0	33.0			
120	132.0	4550	96.0	36.0			
220	252.0	14400	176.0	66.0			

Electrical Life @ rated load	100K cycles, average
Mechanical Life	20M cycles (2 pole), 10M cycles (3 & 4 pole), average
Insulation Resistance	100M Ω min. @ 500VDC initial
Dielectric Strength, Coil to Contact Contact to Contact	1500V rms min. @ sea level initial 1500V rms min. @ sea level initial
Shock Resistance	100m/s ² for 11 ms
Vibration Resistance	1.27mm double amplitude 10~40Hz
Terminal (Copper Alloy) Strength	10N
Operating Temperature	-40°C to +85°C
Storage Temperature	-40°C to +155°C
Solderability	260°C for 5 s
Weight	32g

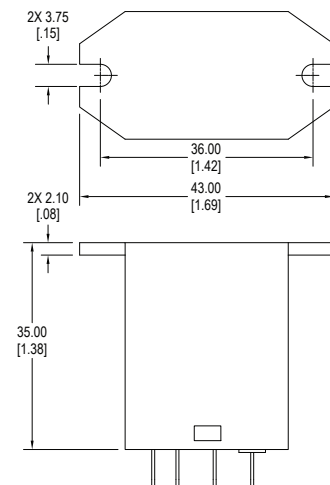
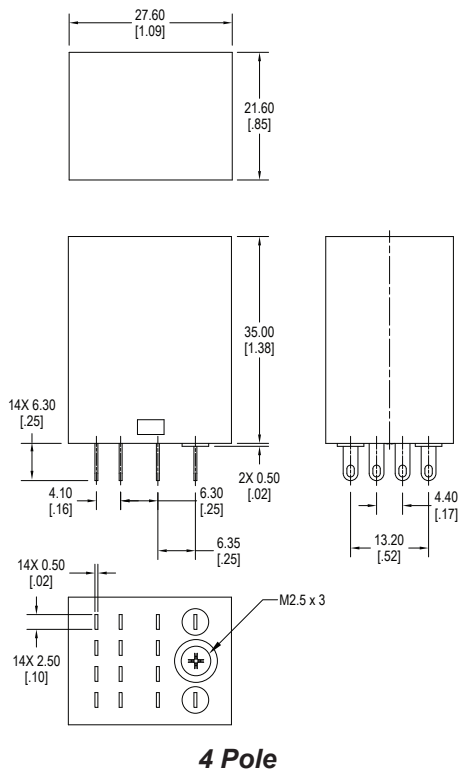
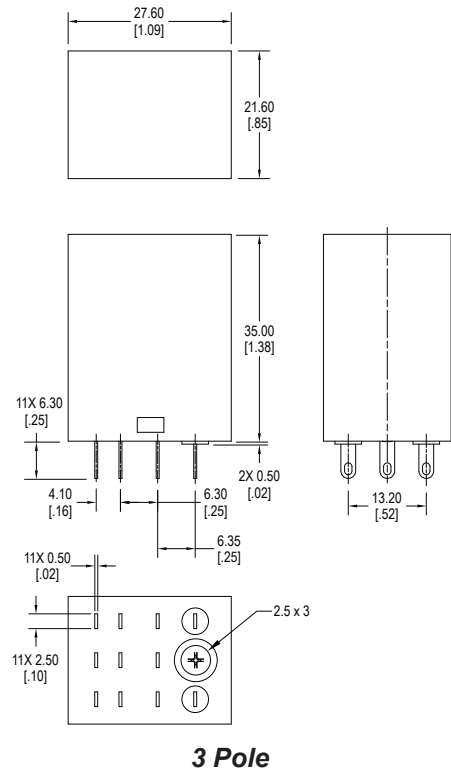
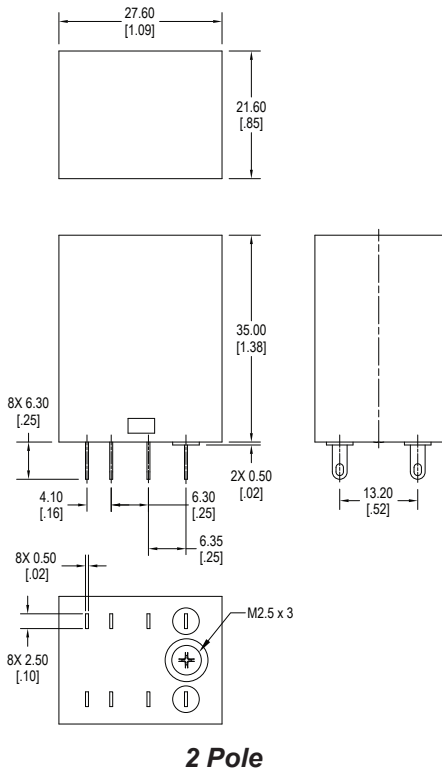
* Values can change due to the switching frequency, desired reliability levels, environmental conditions and in-rush load levels. It is recommended to test actual load conditions for the application. It is the user's responsibility to determine the performance suitability for their specific application.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

Ordering Information

1. Series	J152	3C	T	12VDC		
J152						
2. Contact Arrangement						
2C						
3C						
4C						
3. Termination						
T = Solder lugs / Plug-in						
F = Solder lugs / Plug-in with Flange						
P = PCB Pins						
4. Coil Voltage						
12VDC	12VAC					
24VDC	24VAC					
110VDC	110VAC					
	120VAC					
	220VAC					
5. Optional LED						
Blank = No indicator LED						
D = With indicator LED						
6. Gold Option						
Blank = Standard contacts						
G = Gold over standard contacts						
7. Push to Test Option						
Blank = Without push to test button						
T = With push to test button						

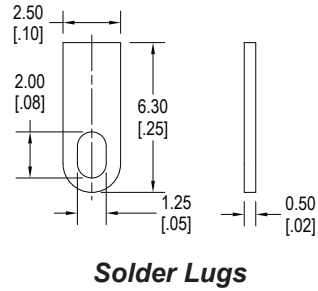
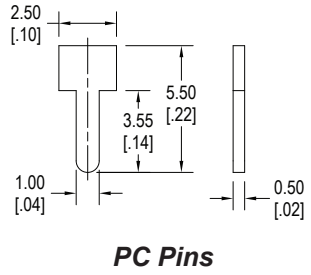
Dimensions

Units = mm



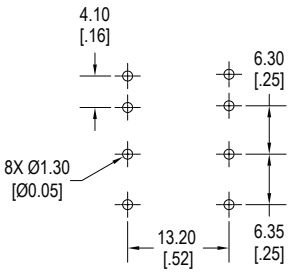
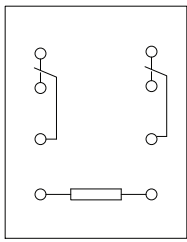


Termination Options

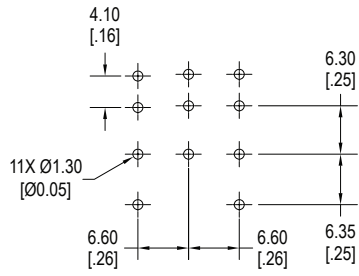
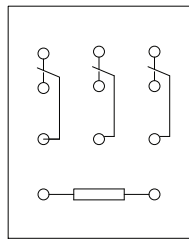


Schematics & PC Layouts

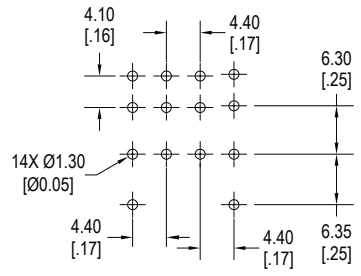
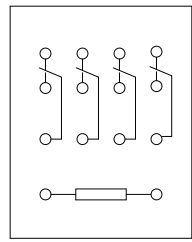
Bottom Views



2C



3C



4C