

## 1 Pole To 3 Pole 10 Amp Plug In Relay

## PC703



### FEATURES

- Industry standard octal type base
- Up to 10 amp switching capacity
- Up to 1/3 horsepower rating
- Available with indicator light
- Available with push to test button
- Sockets available from Picker Components

 File # E93379  Certificate # LR 109231

### UL/CSA RATINGS

Load Type	Voltage	All Versions All Contacts
General Purpose	120 VAC	10 A
	240 VAC	5 A
	28 VDC	10 A
Resistive	120 VAC	10 A
	240 VAC	5 A
Motor	240 VAC	1/3 HP
	120 VAC	1/6 HP

### CONTACT DATA

<b>Material</b>		AgCdO (Silver Cadmium Oxide)
<b>Initial Contact Resistance</b>		50 milliohms max @ 1A, 6VDC
<b>Service Life</b>	<b>Mechanical</b>	1 X 10 <sup>7</sup> Operations
	<b>Electrical</b>	1 X 10 <sup>5</sup> Operations

### CHARACTERISTICS

<b>Operate Time</b>	20 ms. Max.
<b>Release Time</b>	20 ms. Max.
<b>Insulation Resistance</b>	1,000 megohms min, at 500VDC, 50%RH
<b>Dielectric Strength</b>	1500 Vrms, 1 min. between coil and contacts 500 Vrms, 1 min. between open contacts 1500 Vrms, 1 min. between contact poles
<b>Shock Resistance</b>	10 g, 11ms, functional; 100 g, destructive
<b>Vibration Resistance</b>	DA 1.5mm, 10-55 Hz
<b>Power Consumption</b>	DC coil 1.2 W, AC coil 2 VA
<b>Ambient Temperature Range</b>	-45 to 70 C, -40 to 130 C storage
<b>Weight</b>	79 grams approx.

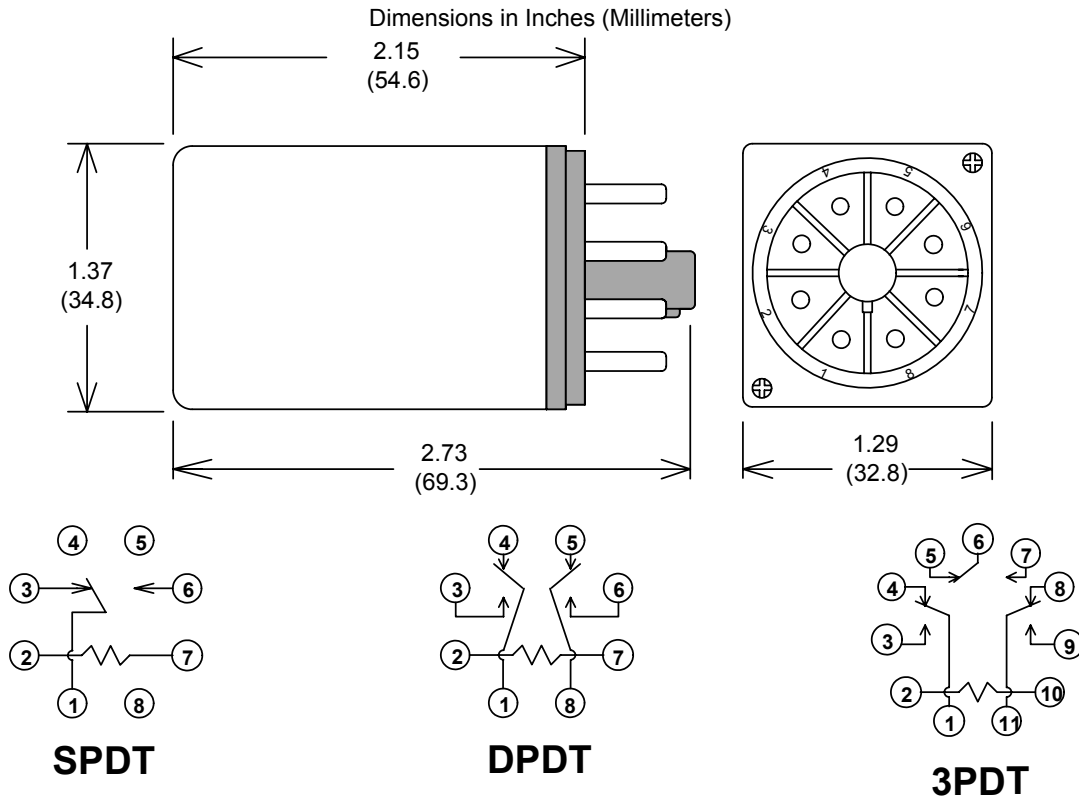
### ORDERING INFORMATION

Example:	PC703	2C-	LM	120 A
Model				
Contact Form				
1C, 2C, or 3C				
Options				
Nil: None; L: Indicator light; M: Push to test				
Coil Voltage				
XXX VDC or XXX VAC				

COIL DATA

Voltage Type	Coil Voltage	Resistance ohms ± 10%	Coil Power	Must Operate Voltage Max.	Must Release Voltage Min.
DC	6	32	1.2 W	4.5	0.6
	12	120		9.0	1.2
	24	472		18	2.4
	48	1800		36	4.8
	110	10000		82.5	11.0
	125	10000		93.75	12.5
AC	6	6.0	2.0 VA	4.8	0.6
	12	21.0		9.6	1.2
	24	85.0		19.2	2.4
	48	350		38.4	4.8
	110	1980		93.5	11.0
	120	2250		102	12.0
	220	8400		187	22.0
	240	9110		204	24.0

Note: Custom coil voltages within the ranges shown are available on special order.



Notes:  
 Tolerances ± .010 unless otherwise noted  
 8 Pin octal shown for simplicity



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