

**New**

# 22D 2 Form C Series PCB Mount



## PRODUCT DESCRIPTIONS

Due to market demands of high-density with multi-pole solution, the 22D 2 Form C series is designed. Adapted non electrostatic shield structure, this relay provides de-fact standard pin layout with multi-pole function.

- De-fact Standard 2 Form C
- 5.0V/12.0V Coil
- Breakdown Voltage 1000V (Between Contacts to Coil)

## SPECIFICATIONS



22D 2 Form C Series		22D-2C□0N0-40		
Parameters	Units	2 Form C		Test Conditions
<b>Coil Specifications</b>				
Nominal Coil Voltage	VDC	5.0	12.0	±10% @ 20°C @ 20°C @ 20°C
Coil Resistance	Ω	175	1000	
Operate Voltage	VDC Max	3.75	8.8	
Release Voltage	VDC Min	0.7	1.2	
<b>Contact Ratings</b>				
Switching Voltage	Volts	100		Max DC/Peak AC resistance
Switching Current	Amps	0.25		Max DC/Peak AC resistance
Carry Current	Amps	0.5		Max DC/Peak AC resistance (@ 30°C)
Contact Rating	Watts	3		Max DC/Peak AC resistance
Life Expectancy	x10 <sup>6</sup> Cycle	100		@ 1V 10mA
Contact Resistance	mΩ	150		Max initial @ operate voltage
Contact Resistance Stability	mΩ	5.0		Max initial @ operate voltage
<b>Relay Specifications</b>				
Insulation Resistance	Ω Min	10 <sup>10</sup>		@ 100V 20°C 65%RH
	Ω Min	10 <sup>10</sup>		Between Contacts Contacts to coil
Dielectric Strength (Static)	VDC Min	200		Between contacts
	VDC Min	1000		Contacts to coil
Operate Time (Including Bounce)	msec Max	1.5		@ nominal coil voltage 30 Hz square wave
Release Time	msec Max	2.0		Diode suppression
<b>Measurement Reference Conditions</b>			<b>Environmental Ratings</b>	
Temp: 15°C to 35°C Humidity: 25% to 75%RH Atmospheric Pressure: 860 to 1060hpa			Storage temp: -35°C to +100°C Operate temp: -20°C to +85°C Vibration: 20G's to 2000Hz Shock: 50G's	

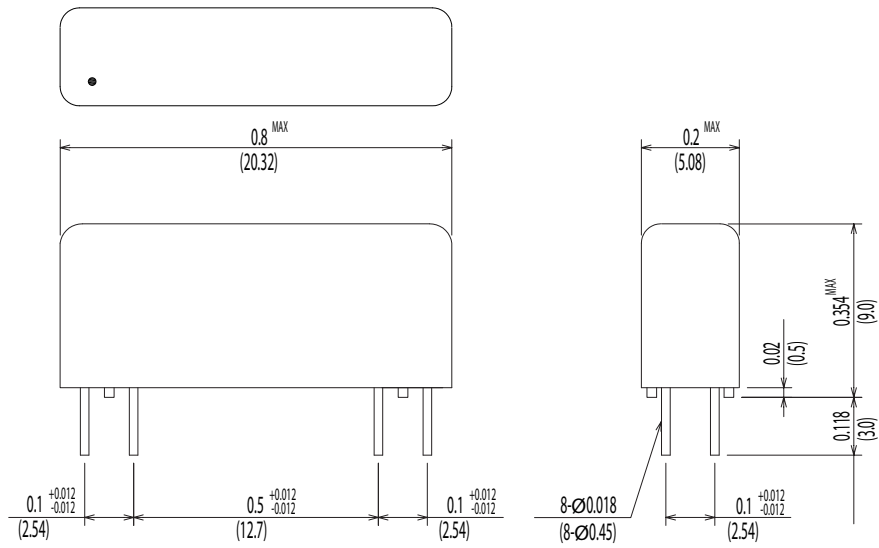
### Ordering Code:

**22D-2C□0N0-40**

□=1 (5.0VDC), 2(12.0VDC)

**Dimensions** All Dimensions are inches (mm)

**22D-2C□0N0-40**



**Schematic <Top View>**

