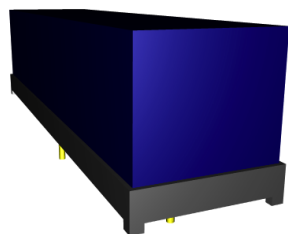


# 132D Series

## High Breakdown Voltage



### PRODUCT DESCRIPTIONS

The 132D Series is a PCB mount version of our high breakdown voltage relay series. This series is mainly provided for high voltage instrumentations. We also offer a withstand voltage range of 2.5 to 15KV as an option.

Please contact our sales engineers for more details.

### SPECIFICATIONS



<b>132D Series</b>		<b>132D-1A□0N0</b>			High Breakdown Voltage
Parameters	Units	1 form A			Test Conditions
<b>Coil Specifications</b>					
Nominal Coil Voltage	VDC	5.0	12.0	24.0	±10% @ 20°C 15°C to 35°C 15°C to 35°C
Coil Resistance	Ω	35	180	650	
Operate Voltage	VDC Max	3.6	8.8	17.6	
Release Voltage	VDC Min	0.7	1.2	2.4	
<b>Contact Ratings</b>					
Switching Voltage	Volts	3500			Max DC/Peak AC resistance
Switching Current	Amps	3.0			Max DC/Peak AC resistance
Carry Current	Amps	3.0			Max DC/Peak AC resistance
Contact Rating	Watts	50			Max DC/Peak AC resistance
Life Expectancy	x10 <sup>6</sup> Cycle	100			@ 1V 10mA
Contact Resistance	mΩ	500			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>			Between all isolated pins @ 1000V 20°C 40%RH
Dielectric Strength	VDC Min	5000			Between contacts
	VDC Min	5000			Contacts to coil
Operate Time (Including Bounce)	msec Max	5.0			@ nominal coil voltage 100Hz square wave
Release Time	msec Max	5.0			Diode suppression
<b>Environmental Ratings</b>					
Measurement Reference Conditions		Storage temp: -40°C to +80°C			
Temp: 15°C to 35°C		Operate temp: -20°C to +60°C			
Humidity: 25% to 75%RH		Vibration: 20G's to 2000Hz			
Atmospheric Pressure: 860 to 1060hpa		Shock: 50G's			

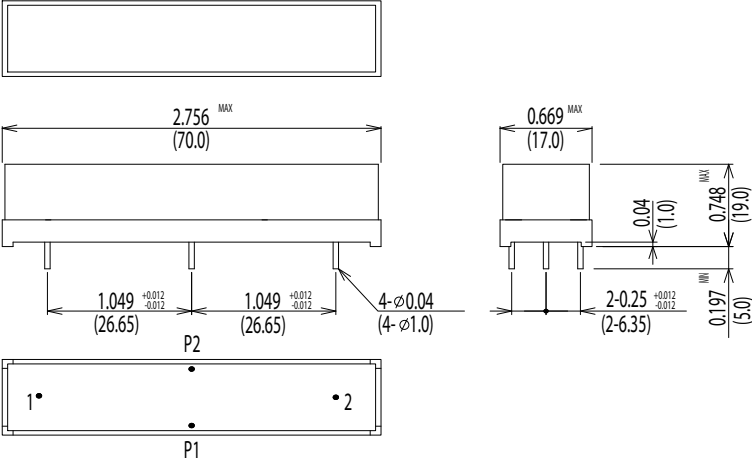
#### Ordering Code:

**132D-1A□0N0**

□=1 (5.0VDC), 2 (12.0VDC), 3 (24.0VDC)

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

**132D-1A□0N0**



**Schematic <Top View>**

