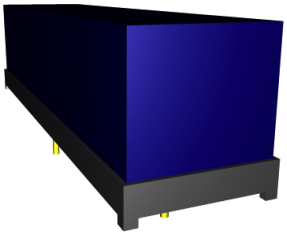
132D Series

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

RoHS COMPLIANT

132D Series		132D-1A□0N0			High Breakdown Voltage
Parameters	Units	1 form A			Test Conditions
Coil Specifications					
Nominal Coil Voltage	VDC	5.0	12.0	24.0	
Coil Resistance	Ω	35	180	650	±10% @ 20°C
Operate Voltage	VDC Max	3.6	8.8	17.6	15°C to 35°C
Release Voltage	VDC Min	0.7	1.2	2.4	15°C to 35°C
Contact Ratings					
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	$x10^6$ Cycle		100		@ 1V 10mA
Contact Resistance	mΩ		500		Max initial @ operate voltage
Contact Resistance Stability	mΩ		5.0		Max initial @ operate voltage
Relay Specifications					
Insulation Resistance	Ω Min		10^{10}		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
Environmental Ratings					
Measurement Reference Conditions Temp: 15°C to 35°C Humidity: 25% to 75%RH Atmospheric Pressure: 860 to 1060hpa		Storage temp: -40°C to +80°C Operate temp: -20°C to +60°C Vibration: 20G's to 2000Hz Shock: 50G's			

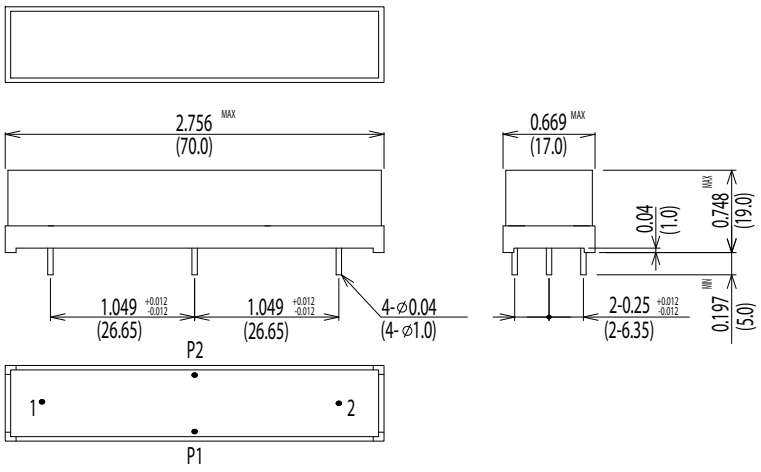
Ordering Code:

132D-1A□0N0
□=1 (5.0VDC), 2 (12.0VDC), 3 (24.0VDC)

Dimensions

All Dimensions are inches (mm)

132D-1A□0N0



Schematic <Top View>

