21D FormC Series



PRODUCT DESCRIPTIONS

This series comes in Form C configuration, and has been widely accepted by measurement equipment industries for VXI/PXI pattern generators and arbitrary waveform generators.

SPECIFICATIONS



21D FormC Series		21D-1E□2□0			PCB Mount
Parameters	Units	1 Form C			Test Conditions
Coil Specifications					
Nominal Coil Voltage Coil Resistance Operate Voltage Release Voltage	VDC Ω VDC Max VDC Min	5.0 90 3.3 0.7	12.0 600 8.3 1.2	24.0 1800 16.6 2.4	±10% @ 20°C 15°C to 35°C 15°C to 35°C
Contact Ratings			ul .		-
Switching Voltage Switching Current Carry Current Contact Rating Life Expectancy Contact Resistance Contact Resistance Stability	Volts Amps Amps Watts x10 ⁶ Cycle mΩ mΩ		100 0.5 1.0 10 1000 150 5.0		Max DC/Peak AC resistance Max DC/Peak AC resistance Max DC/Peak AC resistance Max DC/Peak AC resistance @ 1V 10mA Max initial @ operate voltage Max initial @ operate voltage
Relay Specifications					•
Insulation Resistance Dielectric Strength Operate Time (Including Bounce)	Ω Min VDC Min VDC Min VDC Min msec Max	10 ¹⁰ 200 500 500 1.0			Between all isolated pins @ 100V 20°C 40%RH Between contacts Contacts to shield Contacts/Shield to coil @ nominal coil voltage 100Hz square wave
Release Time	msec Max	1.0			Diode suppression
Environmental Rating	S				
Measurement Reference Conditions Temp: 15°C to 35°C		Storage temp: -40°C to +85°C Operate temp: -20°C to +80°C			

Vibration: 20G's to 2000Hz

Shock: 50G's

Ordering Code:

21D-1E□1)**2**□2)**0**

Humidity: 25% to 75%RH

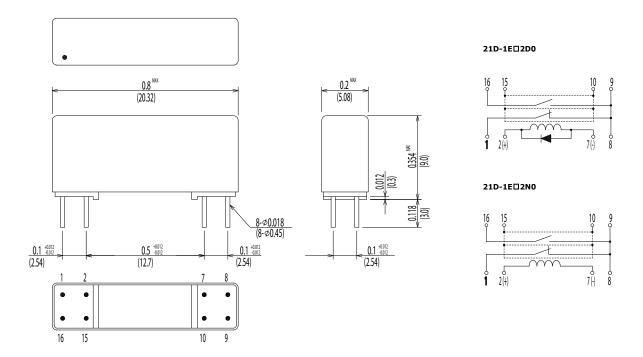
 \Box 1)=1 (5.0VDC), 2 (12.0VDC), 3 (24.0VDC) \Box 2)=D (Diode), E (LED), N (No diode)

Atmospheric Pressure: 860 to 1060hpa

Dimensions All Dimensions are inches (mm)

Schematic <Top View>

21D-1E□2D0/21D-1E□2N0



21D-1E□2E0

