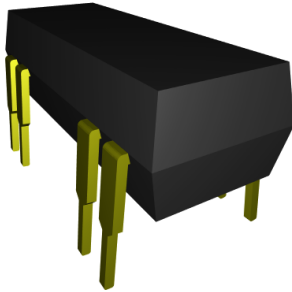


110D Series (2)

DIP



PRODUCT DESCRIPTIONS

The 110D Form C Series is an industrial standard DIP relay, which has long been used by a wide range of industrial applications.

SPECIFICATIONS



110D Series (2)		110D-1C□0D0		DIP
Parameters	Units	1 Form C		Test Conditions
Coil Specifications				
Nominal Coil Voltage	VDC	5.0	12.0	
Coil Resistance	Ω	200	500	±10% @ 20°C
Operate Voltage	VDC Max	3.75	9.0	15°C to 35°C
Release Voltage	VDC Min	0.7	1.2	15°C to 35°C
Contact Ratings				
Switching Voltage	Volts	30		Max DC/Peak AC resistance
Switching Current	Amps	0.2		Max DC/Peak AC resistance
Carry Current	Amps	0.5		Max DC/Peak AC resistance
Contact Rating	Watts	3		Max DC/Peak AC resistance
Life Expectancy	x10 ⁶ Cycle	50		@ 1V 10mA
Contact Resistance	mΩ	150		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 @ 100V 20°C 40%RH
Dielectric Strength	VDC Min	200		Between contacts
	VDC Min	500		Contacts to coil
Operate Time (Including Bounce)	msec Max	2.0		@ nominal coil voltage 100Hz square wave
Release Time	msec Max	2.2		Diode suppression
Environmental Ratings				
Measurement Reference Conditions		Storage temp: -40°C to +85°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:

110D-1C□0D0

□=1 (5.0VDC), 2 (12.0VDC)

Dimensions All Dimensions are inches (mm)

Schematic <Top View>

110D-1C□0D0

