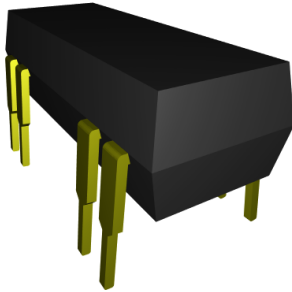


110D Series (2)

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

