

3E 2FormA Series

Surface Mount



PRODUCT DESCRIPTIONS

In order to meet high density market demands, small package 2 Form A SMT relay was released, featured with a single coil drive. This series achieved a small mounting area per contact, and widely accepted by applications requiring high density tree circuit.

SPECIFICATIONS

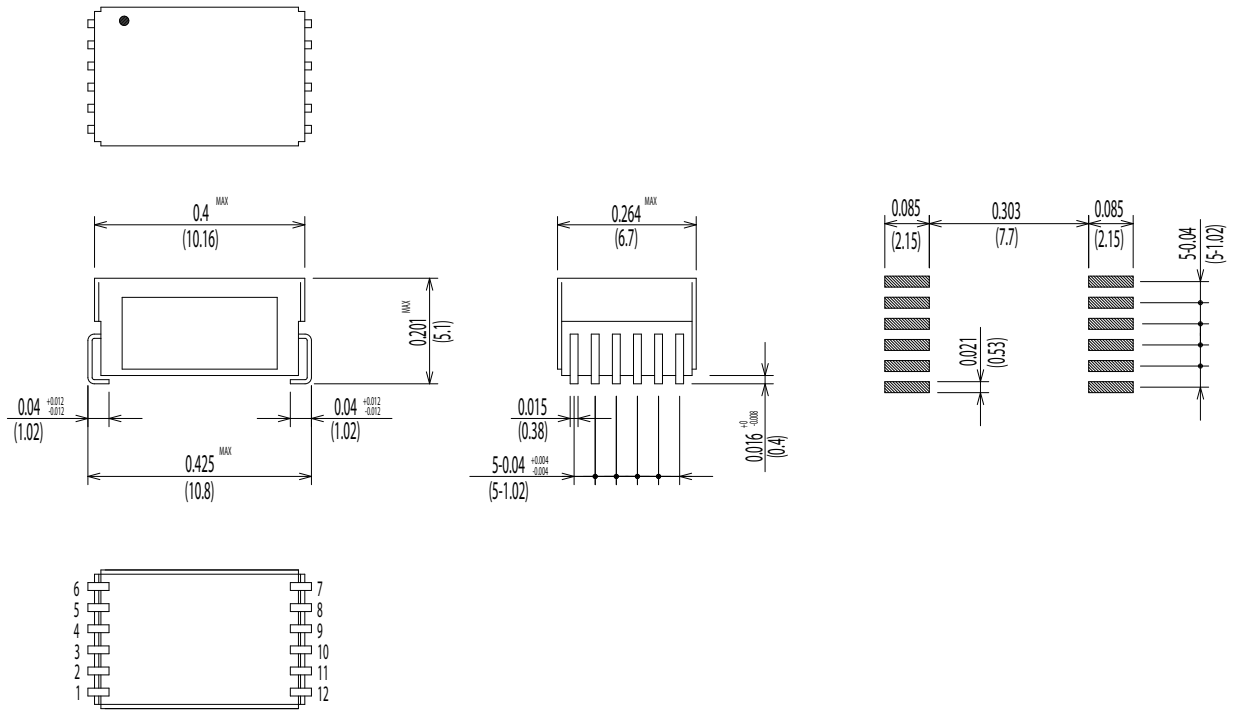


| 3E 2FormA Series | | 3E-2A16J | 3E-2A26J | J: J-Lead |
|--------------------------------------|------------------------|------------------------------|-----------------|--|
| Parameters | Units | 2 Form A | | Test Conditions |
| Coil Specifications | | | | |
| Nominal Coil Voltage | VDC | 5.0 | 12.0 | ±10% @ 20°C 15°C to 35°C 15°C to 35°C |
| Coil Resistance | Ω | 110 | 550 | |
| Operate Voltage | VDC Max | 3.2 | 8.4 | |
| Release Voltage | VDC Min | 0.7 | 1.2 | |
| Contact Ratings | | | | |
| Switching Voltage | Volts | 100 | | Max DC/Peak AC resistance |
| Switching Current | Amps | 0.5 | | Max DC/Peak AC resistance |
| Carry Current | Amps | 1.0 | | Max DC/Peak AC resistance |
| Contact Rating | Watts | 10 | | Max DC/Peak AC resistance |
| Life Expectancy | x10 ⁶ Cycle | 300 | | @ 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 ¹¹ | | Between all isolated pins @ 100V 20°C 40%RH |
| Dielectric Strength | VDC Min | 200 | | Between contacts |
| | VDC Min | 250 | | Contacts to shield |
| | VDC Min | 250 | | Contacts/Shield to coil |
| Operate Time (Including Bounce) | msec Max | 0.5 | | @ nominal coil voltage 100Hz square wave |
| Release Time | msec Max | 0.5 | | 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 | | |

Dimensions All Dimensions are inches (mm)

Land Pattern Recommendation

3E-2A16J/3E-2A26J



Schematic <Top View>

