Contact Voltage Rating: **250 VAC**

Signal Relay Coil Power Rating (DC): **50 mW**

Isolation (HF Parameter): **-18.8dB @ 900MHz, -37dB @ 100MHz**

Insertion Loss (HF Parameter): **-0.03dB @ 100MHz, -33dB @ 900MHz**

### All Standard Signal Relay 2 Form C, CO Cont (73)

#### Features

<table>
<thead>
<tr>
<th>Product Type Features</th>
</tr>
</thead>
<tbody>
<tr>
<td>Relay Type</td>
</tr>
<tr>
<td>Product Type</td>
</tr>
</tbody>
</table>

#### Electrical Characteristics

<table>
<thead>
<tr>
<th>Electrical Characteristics</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Coil Power Rating Class</td>
<td>50 – 300 mW</td>
</tr>
<tr>
<td>Actuating System</td>
<td>DC</td>
</tr>
<tr>
<td>Insulation Initial Dielectric Between Open Contacts</td>
<td>750 Vrms</td>
</tr>
<tr>
<td>Contact Limiting Short-Time Current</td>
<td>2 A</td>
</tr>
<tr>
<td>Insulation Initial Dielectric Between Contacts and Coil</td>
<td>1800 Vrms</td>
</tr>
<tr>
<td>Insulation Initial Dielectric Between Coil/Contact Class</td>
<td>1500 V - 2500 VA</td>
</tr>
<tr>
<td>Voltage Standing Wave Ratio (HF Parameter)</td>
<td>1.06 @ 100MHz, 1.49 @ 900MHz</td>
</tr>
<tr>
<td>Insulation Initial Dielectric Between Adjacent Contacts</td>
<td>1000 Vrms</td>
</tr>
<tr>
<td>Insulation Initial Resistance</td>
<td>1000000 MΩ</td>
</tr>
<tr>
<td>Contact Limiting Making Current</td>
<td>2 A</td>
</tr>
<tr>
<td>Coil Resistance</td>
<td>180 Ω</td>
</tr>
</tbody>
</table>
### Contact Limiting Continuous Current
2 A

### Coil Type
Monostable

### Contact Limiting Breaking Current
2 A

### Contact Switching Load (Min)
.1mA @ .0001V

### Coil Special Features
Ultra High Sensitive Version

### Contact Voltage Rating
250 VAC

### Signal Relay Coil Power Rating (DC)
50 mW

### Signal Relay Coil Voltage Rating
4.5 VDC

### Signal Relay Contact Voltage Rating
250 VAC

### Signal Relay Coil Magnetic System
Monostable, DC, Polarized

#### Signal Characteristics

- **Isolation (HF Parameter):** -18.8dB @ 900MHz, -37dB @ 100MHz
- **Insertion Loss (HF Parameter):** -.03dB @ 100MHz, -.33dB @ 900MHz

#### Body Features

- **Insulation Special Features:** 2500V Initial Surge Withstand Voltage between Contacts & Coil
- **Weight:** .75 g (.026 oz)

#### Contact Features

- **Contact Plating Material:** Gold
- **Contact Current Class:** 0 – 2 A
- **Contact Special Features:** Bifurcated/Twin Contacts
- **Signal Relay Terminal Type:** PCB-THT
- **Signal Relay Contact Current Rating:** 2 A
- **Signal Relay Contact Arrangement:** 2 Form C (2 CO)
- **Contact Material:** PdRu+Au
- **Contact Number of Poles:** 2

#### Termination Features

- **Termination Type:** Through Hole

#### Mechanical Attachment

- **Signal Relay Mounting Type:** Printed Circuit Board

#### Dimensions

- **Width Class (Mechanical):** 0 – 6 mm
Width 6 mm [.222 in]
Height 5.65 mm [.221 in]
Length Class (Mechanical) 0 – 10 mm
Length 10 mm [.393 in]
Height Class (Mechanical) 0 – 6 mm
Dimensions (L x W x H) (Approximate) 10 x 6 x 5.65 mm [.393 x .236 x .222 in]

Usage Conditions

Environmental Ambient Temperature (Max) 85 °C [185 °F]
Environmental Ambient Temperature Class 70 – 85°C
Operating Temperature Range -40 – 85 °C

Operation/Application

Performance Type Standard

Packaging Features

Packaging Method Tube

Product Compliance

For compliance documentation, visit the product page on TE.com>

EU RoHS Directive 2011/65/EU Compliant
EU ELV Directive 2000/53/EC Out of Scope
China RoHS 2 Directive MIIT Order No 32, 2016 No Restricted Materials Above Threshold

Halogen Content Low Bromine/Chlorine - Br and Cl < 900 ppm per homogenous material. Also BFR /CFR/PVC Free

Solder Process Capability Wave solder capable to 265°C

Product Compliance Disclaimer

This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight in homogenous materials for lead, hexavalent chromium, mercury, PBB, PBDE, DBP, BBP, DEHP, DIBP, and 0.01% for cadmium, or qualify for an exemption to these limits as defined in the Annexes of Directive 2011/65/EU (RoHS2). Finished electrical and electronic equipment products will be CE marked as required by Directive 2011/65/EU. Components may not be CE marked. Additionally, the part numbers that TE has identified as EU ELV compliant have a maximum concentration of 0.1% by weight in homogenous materials for lead, hexavalent chromium, and mercury, and 0.01% for cadmium, or qualify for an exemption to these limits.

For support call +1 800 522 6752
as defined in the Annexes of Directive 2000/53/EC (ELV). Regarding the REACH Regulation, the information TE provides on SVHC in articles for this part number is based on the latest European Chemicals Agency (ECHA) 'Guidance on requirements for substances in articles' posted at this URL: https://echa.europa.eu/guidance-documents/guidance-on-reach

Compatible Parts

Asicom IM

Also in the Series

Customers Also Bought

Documents

For support call 1 800 522 6752