Contact Voltage Rating: **220 VDC**

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

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

Insertion Loss (HF Parameter): **-0.3 dB @ 100 MHz, -3.3 dB @ 900 MHz**

All Standard Signal Relay 2 Form C, 2 CO Cont (74)

### Features

**Product Type Features**

<table>
<thead>
<tr>
<th>Feature</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Relay Type</td>
<td>IM Relay</td>
</tr>
<tr>
<td>Product Type</td>
<td>Relay</td>
</tr>
</tbody>
</table>

**Electrical Characteristics**

<table>
<thead>
<tr>
<th>Feature</th>
<th>Value</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 – 2500 VA</td>
</tr>
<tr>
<td>Voltage Standing Wave Ratio (HF Parameter)</td>
<td>1.06 @ 100 MHz, 1.49 @ 900 MHz</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
220 VDC

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

## Signal Relay Coil Voltage Rating
4.5 VDC

## Signal Relay Contact Switching Voltage (Max)
220 VDC

## 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 | Compliant |
| China RoHS 2 Directive MIIT Order No 32, 2016 | No Restricted Materials Above Threshold |
Candidate List Declared Against: JUNE 2022 (224)
Does not contain REACH SVHC |
| 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.
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**

**Also in the Series**

**Axicom IM**

**Customers Also Bought**