



CII

TE Internal #: 1-1617168-4

General Purpose Signal Relay, DC, Non-Polarized, Monostable, 2 Form C DPDT-CO, 1 A Contact Rating, 5 VDC Coil Voltage, .25 W Coil Power, Board Mount

[View on TE.com >](#)

Relays & Contactors > Electromechanical Relays



Relay & Contactor Type: **General Purpose Signal Relay**

Current Type: **DC**

Coil Magnetic System: **Non-Polarized, Monostable**

Contact Arrangement: **2 Form C DPDT-CO**

Contact Current Rating: **1 A**

**Features**

**Product Type Features**

|                        |                              |
|------------------------|------------------------------|
| Relay & Contactor Type | General Purpose Signal Relay |
|------------------------|------------------------------|

**Configuration Features**

|                       |  |
|-----------------------|--|
| Coil Special Features | Coil Polarity Protection Diode, Coil Suppression Diode |
| Relay Options         | Transistor Driver                                      |
| Contact Arrangement   | 2 Form C DPDT-CO                                       |

**Electrical Characteristics**

|                                 |        |
|---------------------------------|--------|
| Coil Resistance                 | 100 Ω  |
| Contact Switching Voltage (Max) | 28 VDC |
| Contact Current Rating          | 1 A    |
| Coil Voltage Rating             | 5 VDC  |
| Coil Power Rating DC            | .25 W  |

**Body Features**

|                |                     |
|----------------|---------------------|
| Enclosure Type | Hermetically Sealed |
|----------------|---------------------|

**Termination Features**

|                                    |                |
|------------------------------------|----------------|
| Main Termination & Connection Type | Extended Leads |
| Coil Termination & Connection Type | Extended Leads |



**Mechanical Attachment**

|                    |             |
|--------------------|-------------|
| Product Mount Type | Board Mount |
|--------------------|-------------|

**Usage Conditions**

|   |                |
|---|----------------|
| Operating Temperature Range             | -65 – 125 °C   |
| Environmental Ambient Temperature (Max) | 125 °C[257 °F] |

**Operation/Application**

|                      |                           |
|----------------------|---------------------------|
| Vibration Resistance | 30G's, 10 – 3000Hz        |
| Shock Resistance     | 75G's, 6ms                |
| Current Type         | DC                        |
| Coil Magnetic System | Non-Polarized, Monostable |

**Product Compliance**

[For compliance documentation, visit the product page on TE.com>](#)

|   |   |
|---|---|
| EU RoHS Directive 2011/65/EU                  | Not Compliant   |
| EU ELV Directive 2000/53/EC                   | Not Compliant   |
| China RoHS 2 Directive MIIT Order No 32, 2016 | Restricted Materials Above Threshold  |
| EU REACH Regulation (EC) No. 1907/2006        | Current ECHA Candidate List: JAN 2025 (247)<br>Candidate List Declared Against: JAN 2022 (223)<br>Does not contain REACH SVHC |
| Halogen Content                               | Low Halogen - Br, Cl, F, I < 900 ppm per homogenous material. Also BFR/CFR/PVC Free   |
| Solder Process Capability                     | Not lead free process capable   |

**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**

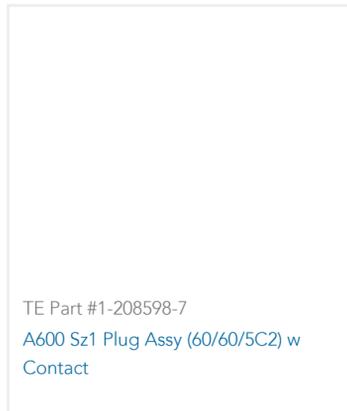


TE Part # 2-1617031-2  
HFW1201K45P = M39016/6-109P

### Customers Also Bought



TE Part #ZPF000000000090100  
DTS 20 K 15-19 PA



TE Part #1-208598-7  
A600 Sz1 Plug Assy (60/60/5C2) w  
Contact



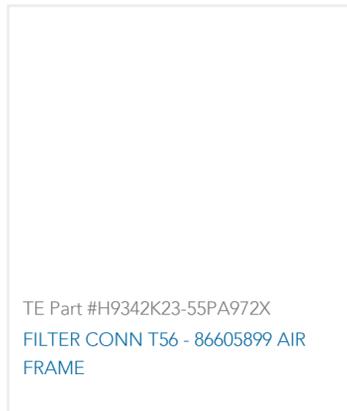
TE Part #ZPF000000000007640  
983-0SE 18-31 PN-L



TE Part #H9342K21-41PC972T  
FILTER CONNECTOR T56 - 86605898  
ENGINE 2



TE Part #ZPF000000000003880  
747-8007-10



TE Part #H9342K23-55PA972X  
FILTER CONN T56 - 86605899 AIR  
FRAME



TE Part #H9342K23-55PN972W  
FILTER CONNECTOR T56 - 86605893



TE Part #H9342K15-19PC972R  
FILTER CONNECTOR T56 - 86605896  
PROP. J1



TE Part #KIT10253  
DEUTSCH TRENT HMU KIT (TRW-ASG)



TE Part #ZPF000000000003507  
699-8017-02

### Documents

[CAD Files](#)

[3D PDF](#)

[3D](#)

[Customer View Model](#)

[ENG\\_CVM\\_CVM\\_1-1617168-4\\_O.2d\\_dxf.zip](#)

English

[Customer View Model](#)

[ENG\\_CVM\\_CVM\\_1-1617168-4\\_O.3d\\_igs.zip](#)

English



### Customer View Model

[ENG\\_CVM\\_CVM\\_1-1617168-4\\_O.3d\\_stp.zip](#)

English

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### Datasheets & Catalog Pages

[5-1773450-5\\_sec1\\_MST](#)

English