

3SBH1149A2

✓ ACTIVE

CII | CII 3SBH Relay

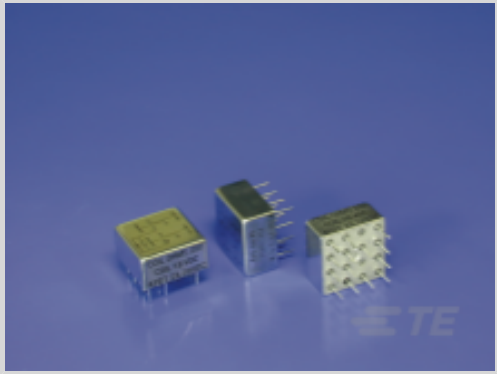
TE Internal #: 1-1617076-6

General Purpose Signal Relay, DC, Non-Polarized, Monostable, 4 Form C 4PDT-CO, 2 A Contact Rating, 12 VDC Coil Voltage, CII 3SBH Relay

[View on TE.com >](#)



Relays & Contactors > Electromechanical Relays > 4PDT Signal Relay: Electrically-Held, 1/5-Size Relay



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

Current Type: **DC**

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

Contact Arrangement: **4 Form C 4PDT-CO**

Contact Current Rating: **2 A**

[All 4PDT Signal Relay: Electrically-Held, 1/5-Size Relay \(25\)](#)

Features

Usage Conditions

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

Electrical Characteristics

|                        |         |
|------------------------|---------|
| Coil Resistance        | 115 Ω   |
| Contact Current Rating | 2 A     |
| Coil Voltage Rating    | 12 VDC  |
| Coil Power Rating DC   | 1.252 W |

Operation/Application

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

Product Type Features

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

Configuration Features

|  |  |
|--|--|
|  |  |
|--|--|



|                     |                  |
|---------------------|------------------|
| Contact Arrangement | 4 Form C 4PDT-CO |
|---------------------|------------------|

Body Features

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

Termination Features

|                                    |             |
|------------------------------------|-------------|
| Main Termination & Connection Type | Solder Pins |
| Coil Termination & Connection Type | Solder Pins |

Mechanical Attachment

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

Other

|                    |               |
|--------------------|---------------|
| EU RoHS Compliance | Not Compliant |
| EU ELV Compliance  | Not Compliant |

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: JUNE 2024 (241)<br>Candidate List Declared Against: JAN 2024 (240)<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                                                                                                  |

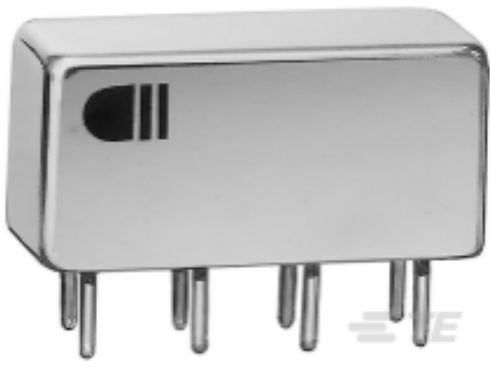
Product Compliance Disclaimer

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 Regulations, TE’s information on SVHC in articles for this part number is still based on the European Chemical Agency (ECHA) ‘Guidance on requirements for substances in articles’(Version: 2, April 2011), applying the 0.1% weight on weight concentration threshold at the finished product level. TE is aware of the European Court of Justice ruling of September 10th, 2015 also known as O5A (Once An Article Always An Article) stating that, in case of ‘complex object’, the threshold for a SVHC must be applied to both the product as a whole and simultaneously to each of the articles forming part of its composition. TE has evaluated this ruling



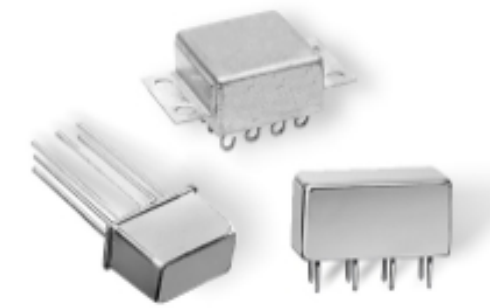
based on the new ECHA “Guidance on requirements for substances in articles” (June 2017, version 4.0) and will be updating its statements accordingly.

Compatible Parts



TE Part # 2-1617072-6  
3SBC1517A2 = M39016/13-056M

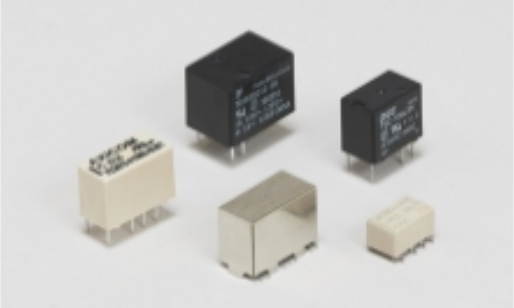
Also in the Series | CII 3SBH Relay



DC Relays(21)



Electromechanical Relays(21)



General Purpose Signal Relays(21)

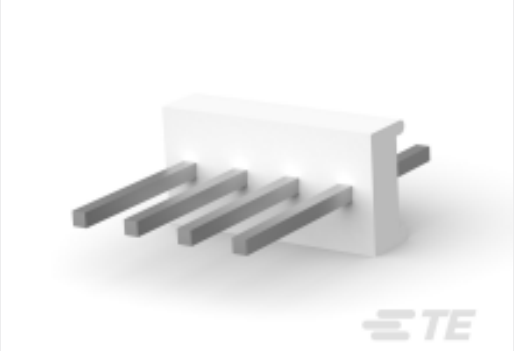
Customers Also Bought



TE Part #CAT-AM74-UN384H  
AMP-LATCH UNIVERSAL HEADERS



TE Part #1462042-8  
IMC03GR=IM RELAY 140mW 5V 1CO



TE Part #CAT-104MTA-PVUNH  
PCB Header: Polyester, Vertical,  
Unshrouded, No Mating Alignment



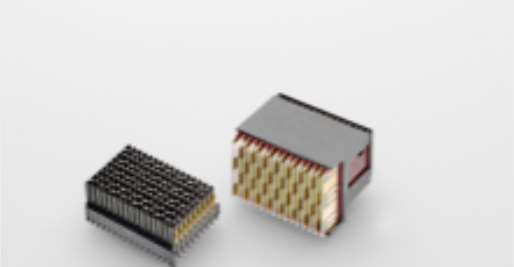
TE Part #2000713-5  
RA Keyed Guide Mod, Vita 46,  
Machined



TE Part #1-6450869-4  
V/R 2ACP+1LP+32S+3HDP+1LP+1P



TE Part #2-1761603-3  
IDC LOW PRO HDR 10P VERT BLUE



TE Part #2332817-1  
Vert RCPT Left End Half Multigig RT 3



TE Part #881545-2  
SHUNT LP W/HANDLE 2 POS 30AU

Documents

CAD Files  
3D PDF





3D

Customer View Model

[ENG\\_CVM\\_CVM\\_1-1617076-6\\_D.2d\\_dxf.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_1-1617076-6\\_D.3d\\_igs.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_1-1617076-6\\_D.3d\\_stp.zip](#)

English

By downloading the CAD file I accept and agree to the [Terms and Conditions](#) of use.

Datasheets & Catalog Pages

[5-1773450-5\\_sec1\\_3SBH](#)

English