

3SBC1517A2

✓ ACTIVE

CII | CII 3SBC Relay

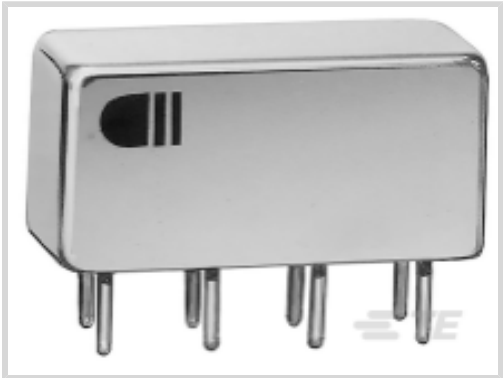
TE Internal #: 2-1617072-6

1/5-Size Relays, Contact Arrangement 2 Form C, DPDT, 2 C/O,  
12VDC Input Voltage, 2A Contact Current Rating, 12VDC Coil  
Voltage Rating, CII 3SBC Relay

[View on TE.com >](#)



Relays & Contactors > Relays > Mil-Aero Relays > 1/5-Size Relays > DPDT Relay:Electrically-Held, 1/5-Size Relay



Contact Arrangement: 2 Form C, DPDT, 2 C/O

Input Voltage: 12 VDC

Contact Current Rating: 2 A

Coil Voltage Rating: 12 VDC

Coil Resistance: 210  $\Omega$

[All DPDT Relay:Electrically-Held, 1/5-Size Relay \(84\)](#)

Features

Configuration Features

|                     |                       |
|---------------------|-----------------------|
| Contact Arrangement | 2 Form C, DPDT, 2 C/O |
|---------------------|-----------------------|

Electrical Characteristics

|                        |              |
|------------------------|--------------|
| Input Voltage          | 12 VDC       |
| Contact Current Rating | 2 A          |
| Coil Voltage Rating    | 12 VDC       |
| Coil Resistance        | 210 $\Omega$ |
| Coil Power Rating DC   | 686 mW       |

Body Features

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

Termination Features

|                        |                 |
|------------------------|-----------------|
| Relay Connection Type  | PCB Termination |
| Terminal Configuration | PCB Pins        |

Mechanical Attachment

|                    |                       |
|--------------------|-----------------------|
| Product Mount Type | Printed Circuit Board |
|--------------------|-----------------------|

Usage Conditions

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



|                             |              |
|-----------------------------|--------------|
| Operating Temperature Range | -65 - 125 °C |
|-----------------------------|--------------|

Operation/Application

|                      |                           |
|----------------------|---------------------------|
| Vibration Resistance | 30G's, 10 - 3000Hz        |
| Actuating System     | DC                        |
| Shock Resistance     | 75G's, 6ms                |
| 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 2024 (240)<br>Candidate List Declared Against: JAN 2022 (223)<br>Does not contain REACH SVHC |
| Halogen Content                               | Not Yet Reviewed for halogen content  |
| 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 # CAT-3SBH-4PDT-WCS  
4PDT Signal Relay: Electrically-Held, With Coil Suppression

TE Part # CAT-3SBH-4PDT-WOCS  
4PDT Signal Relay: Electrically-Held, 1 /5-Size Relay

Also in the Series | CII 3SBC Relay

1/5-Size Relays(42)

Customers Also Bought

TE Part # 5554217-4  
RCPT ASSY,50 POS,VERT MTG,SHLD

TE Part # 1-5745967-0  
25 RCPT SP/FMS INSRT

TE Part # 1734366-1  
Std USB Type A, VT, T/H

TE Part # 1658013-1  
MSB0.80PL5ASY040FL,-,10,-TY

TE Part # 1-1437664-3  
NC6-P107-09=NC6 BARRIER STRIP

TE Part # 1-1761686-5  
IDC LOW PRO HDR 50P VERT LG LAT

TE Part # 2-327960-1  
TERMINAL,PIDG RECT 12-10 6

TE Part # 1393771-6  
JWD-107-7=REED RELAYS

Documents

CAD Files

3D PDF

3D

Customer View Model

ENG\_CVM\_CVM\_2-1617072-6\_B\_c-2-1617072-6-b.2d\_dxf.zip

English



Customer View Model

[ENG\\_CVM\\_CVM\\_2-1617072-6\\_B\\_c-2-1617072-6-b.3d\\_igs.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_2-1617072-6\\_B\\_c-2-1617072-6-b.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\\_3SBC](#)

English

[RELAY](#)

English