

# 3SBC1547A2 ✓ ACTIVE

## CII | CII 3SBC Relay

TE Internal #: 3-1617072-9

1/5-Size Relays, 2 Form C, DPDT, 2 C/O, 5 VDC Input, 2 A, 5 VDC

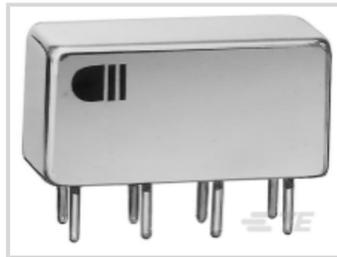
Coil Voltage, 44  $\Omega$  Coil Resistance, 568 mW Coil Power (DC), CII

3SBC Relay

[View on TE.com >](#)



Relays, Contactors & Switches > Relays > Mil-Aero Relays > 1/5-Size Relays



1/5-Size Relay Contact Arrangement: **2 Form C, DPDT, 2 C/O**

1/5-Size Relay Input Voltage: **5 VDC**

Coil Suppression Diode: **Without**

1/5-Size Relay Contact Current Rating: **2 A**

1/5-Size Relay Coil Voltage Rating: **5 VDC**

## Features

### Product Type Features

|                |                                     |
|----------------|-------------------------------------|
| Enclosure Type | Hermetically Sealed                 |
| Relay Type     | Military/Aerospace High Performance |
| Coil Latching  | Without                             |
| Product Type   | Relay                               |
| MOSFET Driver  | Without                             |

### Configuration Features

|                   |         |
|-------------------|---------|
| Transistor Driver | Without |
|-------------------|---------|

### Electrical Characteristics

|                                    |                           |
|------------------------------------|---------------------------|
| Actuating System                   | DC                        |
| Vibration                          | 30G's, 10 – 3000Hz        |
| Coil Magnetic System               | Non-Polarized, Monostable |
| Shock                              | 75G's, 6ms                |
| Coil Power Measurement             | Milliwatts                |
| Coil Polarity Protection Diode     | Without                   |
| 1/5-Size Relay Input Voltage       | 5 VDC                     |
| Coil Suppression Diode             | Without                   |
| 1/5-Size Relay Coil Voltage Rating | 5 VDC                     |



|                                |             |
|--------------------------------|-------------|
| 1/5-Size Relay Coil Resistance | 44 $\Omega$ |
|--------------------------------|-------------|

|                                       |        |
|---------------------------------------|--------|
| 1/5-Size Relay Coil Power Rating (DC) | 568 mW |
|---------------------------------------|--------|

### Contact Features

|                                    |                       |
|------------------------------------|-----------------------|
| 1/5-Size Relay Contact Arrangement | 2 Form C, DPDT, 2 C/O |
|------------------------------------|-----------------------|

|                                       |     |
|---------------------------------------|-----|
| 1/5-Size Relay Contact Current Rating | 2 A |
|---------------------------------------|-----|

### Termination Features

|                  |         |
|------------------|---------|
| Termination Type | PC Pins |
|------------------|---------|

### Mechanical Attachment

|                              |                       |
|------------------------------|-----------------------|
| 1/5-Size Relay Mounting Type | Printed Circuit Board |
|------------------------------|-----------------------|

### Usage Conditions

|                             |                              |
|-----------------------------|------------------------------|
| Operating Temperature Range | -65 – 125 $^{\circ}\text{C}$ |
|-----------------------------|------------------------------|

## Product Compliance

For compliance documentation, visit [the product page on TE.com](https://www.te.com)>

|                              |           |
|------------------------------|-----------|
| EU RoHS Directive 2011/65/EU | Compliant |
|------------------------------|-----------|

|                             |                  |
|-----------------------------|------------------|
| EU ELV Directive 2000/53/EC | Not Yet Reviewed |
|-----------------------------|------------------|

|   |   |
|---|---|
| China RoHS 2 Directive MIIT Order No 32, 2016 | No Restricted Materials Above Threshold |
|---|---|

|  |  |
|--|--|
| EU REACH Regulation (EC) No. 1907/2006 | Current ECHA Candidate List: JUNE 2022 (224)<br>Candidate List Declared Against: JAN 2020 (205)<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 # 1-1617076-3  
3SBH1142A2 = M39016/14-002L

## Also in the Series | CII 3SBC Relay



1/5-Size Relays(43)

## Documents

### CAD Files

#### 3D PDF

3D

#### Customer View Model

[ENG\\_CVM\\_CVM\\_3-1617072-9\\_C\\_c-3-1617072-9-c.2d\\_dxf.zip](#)

English

#### Customer View Model

[ENG\\_CVM\\_CVM\\_3-1617072-9\\_C\\_c-3-1617072-9-c.3d\\_igs.zip](#)

English

#### Customer View Model

[ENG\\_CVM\\_CVM\\_3-1617072-9\\_C\\_c-3-1617072-9-c.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