

# 3SBM1064A2 ✓ ACTIVE



CII

TE Internal #: 2-1617516-8

General Purpose Signal Relay, DC, Polarized, Bistable, Latching, 4 Form C 4PDT-CO, 2 A Contact Rating, 12 VDC Coil Voltage, .993 W Coil Power

[View on TE.com >](#)

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



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

Current Type: **DC**

Coil Magnetic System: **Polarized, Bistable, Latching**

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

Contact Current Rating: **2 A**

[All 4PDT Signal Relay: Magnetic-Latched, 1/5-Size Relay \(14\)](#)

## Features

### Usage Conditions

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

### Electrical Characteristics

Coil Resistance	145 Ω
Contact Current Rating	2 A
Coil Voltage Rating	12 VDC
Coil Power Rating DC	.993 W

### Operation/Application

Vibration Resistance	30G's, 10 – 3000Hz
Shock Resistance	100G's, 6ms
Current Type	DC
Coil Magnetic System	Polarized, Bistable, Latching

### Product Type Features

Relay & Contactor Type	General Purpose Signal Relay
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### Configuration Features



Contact Arrangement	4 Form C 4PDT-CO
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### Body Features

Enclosure Type	Hermetically Sealed
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### Termination Features

Main Termination & Connection Type	Solder Pins
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Coil Termination & Connection Type	Solder Pins
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### Mechanical Attachment

Product Mount Type	Board Mount
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### Other

EU RoHS Compliance	Not Compliant
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EU ELV Compliance	Not Compliant
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## Product Compliance

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

EU RoHS Directive 2011/65/EU	Not Compliant
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EU ELV Directive 2000/53/EC	Not Compliant
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China RoHS 2 Directive MIIT Order No 32, 2016	Restricted Materials Above Threshold
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EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2024 (241) Candidate List Declared Against: JAN 2024 (240) Does not contain REACH SVHC
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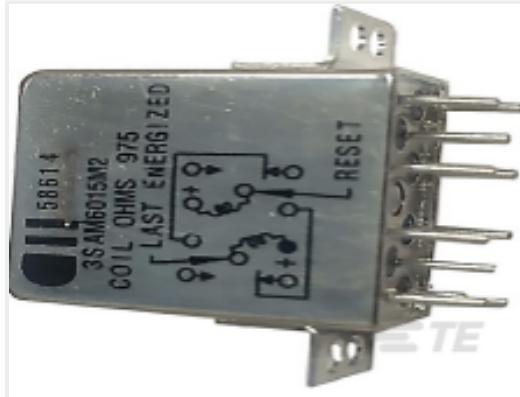
Halogen Content	Not Yet Reviewed for halogen content
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Solder Process Capability	Not lead free process capable
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#### Product Compliance Disclaimer

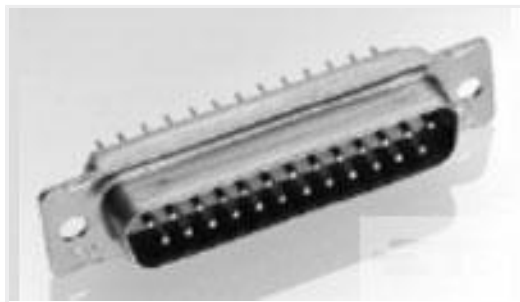
This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight 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-3SAM-DPDT-FSR  
DPDT Signal Relay: Magnetic-Latched,  
Full-Size, 2 Form C

## Customers Also Bought



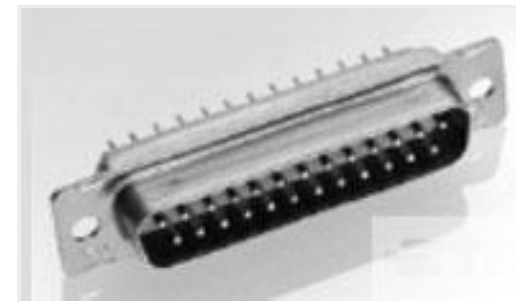
TE Part #1757819-8  
AMPLIMITE,ASY,PLUG,STD,109,ZN,3,  
CT



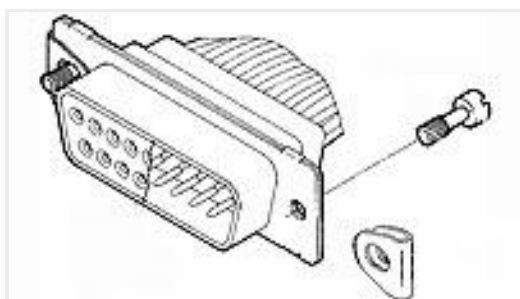
TE Part #5748676-1  
DIE CAST CBL CLMP KIT,SZ 1



TE Part #130046  
PIDG RING TONGUE



TE Part #1757819-7  
AMPLIMITE,ASY,PLUG,STD,109,ZN,2,  
CT



TE Part #211883-5  
SCREW RETAINER KIT,AMPLIMITE



TE Part #2-2176308-5  
RP 1E 0.1W 237K 0.1% 25PPM 5K RL



TE Part #31428  
TERMINAL,BUDG R 26-22 4



TE Part #204522-2  
RECEPT ASSY,104 POSN,AMPLIMITE

## Documents

### CAD Files

#### 3D PDF

3D

#### Customer View Model

[ENG\\_CVM\\_CVM\\_2-1617516-8\\_B.2d\\_dxf.zip](#)

English

#### Customer View Model

[ENG\\_CVM\\_CVM\\_2-1617516-8\\_B.3d\\_igs.zip](#)

English

#### Customer View Model

[ENG\\_CVM\\_CVM\\_2-1617516-8\\_B.3d\\_stp.zip](#)

English

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

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[Datasheets & Catalog Pages](#)

[5-1773450-5\\_sec1\\_3SBM](#)

English