

4-1617784-1 ACTIVE

CL1

TE Internal #: 4-1617784-1

General Purpose Power Relay, DC, Polarized, Monostable, 2 Form C DPDT-CO, 10 A Contact Rating, 28 VDC Coil Voltage, Board Mount, Hermetically Sealed

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Relays & Contactors > Electromechanical Relays



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

Coil Magnetic System: **Polarized, Monostable**

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

Current Type: **DC**

Contact Current Rating: **10 A**

Features

Product Type Features

Relay & Contactor Type

General Purpose Power Relay

Configuration Features

Coil Special Features

Coil Suppression Diode

Relay Options

Back EMF Suppression

Contact Arrangement

2 Form C DPDT-CO

Electrical Characteristics

Coil Resistance

320 Ω

Contact Switching Voltage (Max)

115 VAC, 200 VAC

Contact Current Rating

10 A

Coil Voltage Rating

28 VDC

Body Features

Enclosure Type

Hermetically Sealed

Contact Features

Contact Material

Silver Cadmium Oxide

Terminal Plating

Tin-Lead

Termination Features

Main Termination & Connection Type

Solder Pins

Coil Termination & Connection Type

Solder Pins

Mechanical Attachment

Product Mount Type

Board Mount

Usage Conditions

Operating Temperature Range

-70 – 125 °C [-94 – 257 °F]

Environmental Ambient Temperature (Max)

125 °C [257 °F]

Operation/Application

Vibration Resistance

30G's, 10 – 3000Hz

Shock Resistance

200G's, 6ms

Coil Magnetic System

Polarized, Monostable

Current Type

DC

Other

Contact Current Class

>5 – ≤10 A

Product ComplianceFor 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)

Candidate List Declared Against: JAN 2024 (240)

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

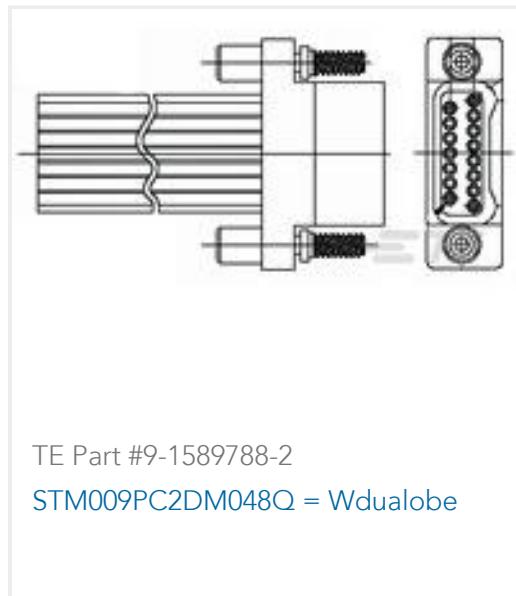
Article Always An Article) stating that, in case of 'complex object', the threshold for a SVHC must be applied to both the product as a whole and simultaneously to each of the articles forming part of its composition. TE has evaluated this ruling based on the new ECHA "Guidance on requirements for substances in articles" (June 2017, version 4.0) and will be updating its statements accordingly.

Compatible Parts



TE Part # 5-1617785-7
 FCA-410-1521L=M83536/15-021L

Customers Also Bought



TE Part #9-1589788-2
 STM009PC2DM048Q = Wdualobe



TE Part #8-1617349-0
 3SBM1089A2=M39016/36-006M



TE Part #3-1617515-0
 3SBC1793A2=M39016/13-101M



TE Part #5-1617800-8
 FCAC-150-KY4=50 AMP MID RANGE
 RELAY



TE Part #1051900-1
 2032 8007 92



TE Part #070539-000
 TXR21AB90-1608AI



TE Part #65053-234
 ELEC MODULE

Documents

CAD Files

[3D PDF](#)

3D

Customer View Model

[ENG_CVM_CVM_4-1617784-1_A.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_4-1617784-1_A.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_4-1617784-1_A.3d_stp.zip](#)

English

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Datasheets & Catalog Pages

[5-1773450-5_sec5_FCA-210](#)

English