



CII

TE Internal #: 1-1617030-7

Half-Size Relays, Contact Arrangement 2 Form C, DPDT, 2 C/O,  
48VDC Input Voltage, 2A Contact Current Rating (Max), 48VDC Coil  
Voltage Rating

[View on TE.com >](#)

Relays & Contactors > Relays > Mil-Aero Relays > Half-Size Relays



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

Input Voltage: **48 VDC**

Contact Current Rating (Max): **2 A**

Coil Voltage Rating: **48 VDC**

Coil Resistance: **3500 Ω**

Features

Product Type Features

Enclosure Type	Hermetically Sealed
Relay Connection Type	PCB Pins

Electrical Characteristics

Vibration Resistance	20G's, 10 – 2000Hz
Actuating System	DC
Coil Power Measurement	Milliwatts
Shock Resistance	100G's, 6ms
Contact Switching Voltage (Max)	28 VDC
Coil Magnetic System	Non-Polarized, Monostable
Input Voltage	48 VDC
Coil Voltage Rating	48 VDC
Coil Resistance	3500 Ω
Coil Power Rating DC	658 mW

Contact Features

Contact Arrangement	2 Form C, DPDT, 2 C/O
Contact Current Rating (Max)	2 A

Mechanical Attachment

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Product Mount Type	Printed Circuit Board
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Usage Conditions

Operating Temperature Range	-65 – 125 °C
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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) 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





Customers Also Bought

TE Part #6641710001  
TMS-SCE-1/4-2.0-9

TE Part #1617037-1  
HFW5A1106K00 = HFW5A RELAY

TE Part #1617037-9  
HFW5A1201K00 = HFW 5AMP RELAY

TE Part #3-1617028-5  
HFW1106K12 = M39016/6-128L

TE Part #1617022-2  
FW5A1101G00 = 2020 FW5A RELAY

TE Part #DBC30H-10-5PN  
HERM RECP

Documents

CAD Files

3D PDF

3D

Customer View Model

ENG\_CVM\_CVM\_1-1617030-7\_9.2d\_dxf.zip

English

Customer View Model

ENG\_CVM\_CVM\_1-1617030-7\_9.3d\_igs.zip

English

Customer View Model

ENG\_CVM\_CVM\_1-1617030-7\_9.3d\_stp.zip

English

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Datasheets & Catalog Pages

5-1773450-5\_sec1\_HFW

English