



CII

TE Part # 1617122-5

TE Internal #: JMACD-18XL

Mil-Spec: [M39016/15-080L]

[View on TE.com >](#)

Relays, Contactors & Switches > Relays > Mil-Aero Relays > TO-5/.100 Grid Relays



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

Input Voltage: **18 VDC**

Coil Suppression Diode: **With**

MOSFET Driver: **Without**

Transistor Driver: **Without**

**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
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**Electrical Characteristics**

Coil Magnetic System	Non-Polarized, Monostable
Vibration	30G's, 10 – 3000Hz
Actuating System	DC
Shock	75G's, 6ms
Coil Power Measurement	Milliwatts
Input Voltage	18 VDC
Coil Suppression Diode	With
Coil Voltage	18 VDC
Coil Resistance	880 Ω
Coil Power Rating (DC)	368 mW
Coil Polarity Protection Diode	With



Contact Switching Voltage (Max) 28

**Contact Features**

Contact Current Class	Low Level – 1 A
Contact Arrangement	2 Form C, DPDT, 2 C/O
Contact Current Rating	1 A

**Termination Features**

Termination Type	PC Pins
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**Mechanical Attachment**

Mounting 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	No Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JAN 2019 (197) Candidate List Declared Against: JAN 2019 (197)
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 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 # 2-1617031-1  
 HFW1201K45M = M39016  
 /6-109M

## Customers Also Bought



TE Part #1-102557-0  
 06 MODII HDR DRST  
 SHRD A/PIN



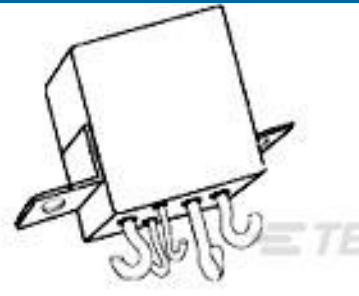
TE Part #12341-20  
 CONTACT IMPO



TE Part #1532180-6  
 M83513/03-B10N, MCKS-  
 N1-B-15P6Q1-36.0



TE Part #5-1618400-3  
 CAP202ASBND=RELAY,  
 DPST-NO



TE Part #1-1617748-7  
 FCA-125-11=M6106/19-011



TE Part #1617168-8  
 JMSCT-26XL = M28776/3-  
 038L



TE Part #9-2176311-6  
 RP 1E 0.1W 11K3 0.1%  
 25PPM 1K RL



TE Part #1-2176311-6  
 RP 1E 0.1W 1K65 0.1%  
 25PPM 1K RL



TE Part #9-2176311-0  
 RP 1E 0.1W 9K76 0.1%  
 25PPM 1K RL



TE Part #417337-000  
 S01-03-RCS681

## Documents

[CAD Files](#)

[3D PDF](#)

[3D](#)



Customer View Model

[ENG\\_CVM\\_CVM\\_1617122-5\\_O.2d\\_dxf.zip](#)

English

Customer View Model

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Customer View Model

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**Datasheets & Catalog Pages**

[RELAY](#)

English

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