



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



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

Input Voltage: 5 VDC

Coil Suppression Diode: Without

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	5 VDC
Coil Suppression Diode	Without
Coil Voltage	5 VDC
Coil Resistance	100 Ω
Coil Power Rating (DC)	250 mW
Coil Polarity Protection Diode	Without



Contact Switching Voltage (Max)28

Contact Features

Contact Current Class	Low Level – 1 A
Pin Configuration	.175" Diameter Mounting Pad
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 # 3-1617028-5  
HFW1106K12 = M39016/6-128L

Customers Also Bought

TE Part #1766829-1  
SCREW,PAN HEAD,#4

TE Part #D81041-000  
44B1831-22-MST3-9CS2275TE Part #536742-5  
096 EURO TYPE C PIN ST ASSYTE Part #  
YACT20JJ35HNV00100  
SQUARE FLANGE  
RECEPTACLETE Part #  
YACT20JJ35SEV00100  
SQUARE FLANGE  
RECEPTACLETE Part #  
YACT20JJ37HNV00100  
SQUARE FLANGE  
RECEPTACLETE Part #620002N010  
D-101-00CS784TE Part #CL3698-000  
D-500-L458-3-614-120TE Part #4-1617119-4  
J1MSP-26XL=M39016/10-024LTE Part #725633-000  
KTKK-1253

Documents

- CAD Files
- 3D PDF
- 3D



Customer View Model  
[ENG\\_CVM\\_CVM\\_1617543\\_O.2d\\_dxf.zip](#)  
English  
Customer View Model  
[ENG\\_CVM\\_CVM\\_1617543\\_O.3d\\_igs.zip](#)  
English  
Customer View Model  
[ENG\\_CVM\\_CVM\\_1617543\\_O.3d\\_stp.zip](#)  
English

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Datasheets & Catalog Pages  
[5-1773450-5\\_sec1\\_MGS](#)  
English  
[RELAY](#)  
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