



CII

TE Internal #: 3-1617118-4

TO-5/.100 Grid Relays, Contact Arrangement 1 Form C, SPDT, 1 C /O, 3.5VDC Input Voltage, Coil Suppression Diode, Without MOSFET Driver

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



Contact Arrangement: 1 Form C, SPDT, 1 C/O

Input Voltage: 3.5 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	3.5 VDC
Coil Suppression Diode	With
Coil Voltage	5 VDC
Coil Resistance	50 Ω



Coil Power Rating (DC)	500 mW
Coil Polarity Protection Diode	With
Contact Switching Voltage (Max)	28

Contact Features

Contact Current Class	Low Level – 1 A
Pin Configuration	.200" x .300" Spreader Pad
Contact Arrangement	1 Form C, SPDT, 1 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	Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUN 2020 (209) Candidate List Declared Against: JUL 2019 (201) Does not contain REACH SVHC
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 Regulation, the information TE provides on SVHC in articles for this part number is based on the latest European Chemicals Agency (ECHA) 'Guidance on requirements for substances in articles' posted at this URL: <https://echa.europa.eu/guidance-documents/guidance-on-reach>

Compatible Parts

TE Model / Part # 2-1617030-7
HFW1201G01M = M39016/6-116M

Customers Also Bought

TE Model / Part #813681-000
208A086-3-0

TE Model / Part #65022-003
JUNCTION ASSY

TE Model / Part #1423183-7
7032CDD=RLY,STD,DBH,2P,480VAC

TE Model / Part #312053-000
HRM/01-2117

TE Model / Part #A12306-000
MK-0020-105-DATABUS

TE Model / Part #3-1472973-4
7012ME=RLY,STD,ON,2P,28VDC,
200SEC

TE Model / Part #387778-000
44A1111-22-90-9

TE Model / Part #1-1617351-0
JMACDG-18XP=M39016/15-092P

TE Model / Part #1617165-1
JMAWDD-12XP = M39016/20-010P

TE Model / Part #1617169-4
JMSWDD-5XP = M39016/21-007P

Documents

CAD Files

3D PDF

3D



Customer View Model

[ENG_CVM_CVM_3-1617118-4_F.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_3-1617118-4_F.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_3-1617118-4_F.3d_stp.zip](#)

English

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Datasheets & Catalog Pages

[5-1773450-5_sec1_1MA](#)

English