



CII

TE Internal #: 1617124-5

TO-5/.100 Grid Relays, 2 Form C, DPDT, 2 C/O, 26.5VDC TO-5/.100

Grid Relay Input Voltage, Coil Suppression Diode

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



TO-5/.100 Grid Relay Contact Arrangement: **2 Form C, DPDT, 2 C/O**

TO-5/.100 Grid Relay Input Voltage: **26.5 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 |
|-------------------|---------|

Electrical Characteristics

|                                             |                           |
|---------------------------------------------|---------------------------|
| Coil Magnetic System                        | Non-Polarized, Monostable |
| Vibration                                   | 30G's, 10 – 3000Hz        |
| Actuating System                            | DC                        |
| Shock                                       | 75G's, 6ms                |
| Coil Power Measurement                      | Milliwatts                |
| TO-5/.100 Grid Relay Input Voltage          | 26.5 VDC                  |
| Coil Suppression Diode                      | With                      |
| Coil Voltage                                | 26.5 VDC                  |
| TO-5/.100 Grid Relay Coil Resistance        | 1560 Ω                    |
| TO-5/.100 Grid Relay Coil Power Rating (DC) | 450 mW                    |



|                                                      |      |
|------------------------------------------------------|------|
| Coil Polarity Protection Diode                       | With |
| TO-5/.100 Grid Relay Contact Switching Voltage (Max) | 28   |

Contact Features

|                                             |                       |
|---------------------------------------------|-----------------------|
| Contact Current Class                       | Low Level – 1 A       |
| TO-5/.100 Grid Relay Contact Arrangement    | 2 Form C, DPDT, 2 C/O |
| TO-5/.100 Grid Relay Contact Current Rating | 1 A                   |

Termination Features

|                  |         |
|------------------|---------|
| Termination Type | PC Pins |
|------------------|---------|

Mechanical Attachment

|                                    |                       |
|------------------------------------|-----------------------|
| TO-5/.100 Grid Relay Mounting Type | Printed Circuit Board |
|------------------------------------|-----------------------|

Usage Conditions

|                             |              |
|-----------------------------|--------------|
| Operating Temperature Range | -65 – 125 °C |
|-----------------------------|--------------|

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 2021 (211)<br>Candidate List Declared Against: JAN 2021 (211)<br>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 # 2-1617031-4  
HFW1201K46M = M39016/6-209M

Customers Also Bought

TE Part #063151-000  
TXR18AB90-1404AI

TE Part #323975  
PIDG BUTT SPLICES

TE Part #YACT26MH21SNV00100  
Straight Plug D38999, H21 Insert

TE Part #1617122-8  
JMACD-18XP = M39016/15-080P

TE Part #1051026-1  
SMA BULKHEAD JACK 2004 8005 90

TE Part #1617353-3  
JMSWDD-26XM=M39016/21-012M

TE Part #1616084-2  
AH965M=RELAY

TE Part #2176412-8  
5W XSM M/OX 5% 10R

TE Part #1589487-2  
STG015M6DQ = THRU-HOLE

TE Part #1589472-4  
STG015PC2DCC05Q = WDUALOBE

Documents

- CAD Files
- 3D PDF
- 3D



Customer View Model

[ENG\\_CVM\\_CVM\\_1617124-5\\_G.2d\\_dxf.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_1617124-5\\_G.3d\\_igs.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_1617124-5\\_G.3d\\_stp.zip](#)

English

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Datasheets & Catalog Pages

[5-1773450-5\\_sec1\\_MA](#)

English