# JMGSCD-6MW ✔ ACTIVE

CII

TE Internal #: 4-1617352-0

TO-5/.100 Grid Relays, 2 Form C, DPDT, 2 C/O, 6VDC TO-5/.100 Grid Relay Input Voltage, Coil Suppression Diode

View on TE.com >

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: **6 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 | 6 VDC |
| Coil Suppression Diode | With |
| Coil Voltage | 6 VDC |
| TO-5/.100 Grid Relay Coil Resistance | 200 Ω |
| TO-5/.100 Grid Relay Coil Power Rating (DC) | 180 mW |

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

### Contact Features

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|---|---|
| Contact Current Class | Low Level – 1 A |
| Pin Configuration | .175" Diameter Mounting Pad |
| 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

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

### Mechanical Attachment

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

### Usage Conditions

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|---|---|
| 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: JUL 2021 (219)<br>Candidate List Declared Against: JAN 2021 (211)<br>SVHC > Threshold:<br>Not Yet Reviewed |
| 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 Part # 1617036-6
HFW4A1201D00 = HFW 4A RELAY

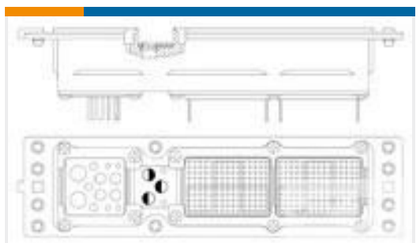
## Customers Also Bought



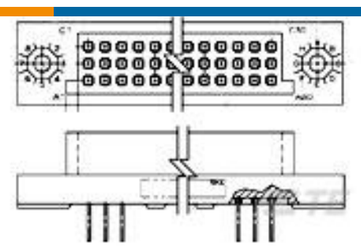
TE Part #YDTS26G09-35BNV001
PLUG ASSY



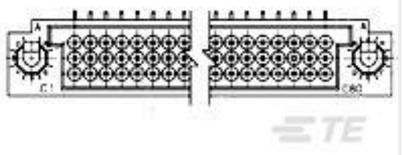
TE Part #212933-2
PLUG ASSY,104 POSN,AMPLIMITE



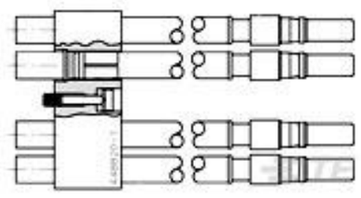
TE Part #1757964-2
A600 SZ 2 RCPT 150/150/13C2



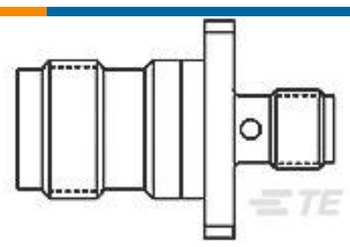
TE Part #446853-5
3ROW BOX REC 165P 100CLSEALED



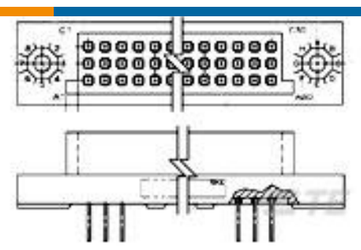
TE Part #448008-1
3 ROW BOX PIN 180 POS R/A S/L



TE Part #448820-1
CABLE ASSY,4 POSN,SZ 8



TE Part #1223094-1
ADAPTER, TNC JACK TO SMA JACK, FLANGE MT



TE Part #443857-3
3 ROW BOX RECEPTACLE,180 POS



TE Part #5-1617352-3
JMGSCDD-5PW=M39016/43-049P



TE Part #1617122-6
JMACD-18XLS = M39016/15-104L

## Documents

CAD Files

3D PDF

3D

## Customer View Model

ENG_CVM_CVM_4-1617352-0_O.2d_dxf.zip

English

## Customer View Model

ENG_CVM_CVM_4-1617352-0_O.3d_igs.zip

English

## Customer View Model

ENG_CVM_CVM_4-1617352-0_O.3d_stp.zip

English

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# Datasheets & Catalog Pages

5-1773450-5_sec1_MGS

English