# JMGACDD-12P ✔ ACTIVE

CII

TE Internal #: 2-1617146-5

General Purpose Signal Relay, DC, Non-Polarized, Monostable, 2 Form C DPDT-CO, 1 A Contact Rating, 12 VDC Coil Voltage, .369 W Coil Power, Board Mount

View on TE.com >

Relays & Contactors > Electromechanical Relays



Relay & Contactor Type: **General Purpose Signal Relay**

Coil Magnetic System: **Non-Polarized, Monostable**

Contact Arrangement: **2 Form C DPDT-CO**

Current Type: **DC**

Contact Current Rating: **1 A**

## Features

### Product Type Features

| | |
|---|---|
| Relay & Contactor Type | General Purpose Signal Relay |

### Configuration Features

| | |
|---|---|
| Coil Special Features | Coil Polarity Protection Diode, Coil Suppression Diode |
| Contact Arrangement | 2 Form C DPDT-CO |

### Electrical Characteristics

| | |
|---|---|
| Coil Resistance | 390 Ω |
| Contact Switching Voltage (Max) | 28 VDC |
| Contact Current Rating | 1 A |
| Coil Voltage Rating | 12 VDC |
| Coil Power Rating DC | .369 W |

### Body Features

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|---|---|
| Enclosure Type | Hermetically Sealed |

### Termination Features

| | |
|---|---|
| Main Termination & Connection Type | Extended Leads |
| Coil Termination & Connection Type | Extended Leads |

### Mechanical Attachment

| | |
|---|---|
| Product Mount Type | Board Mount |

### Usage Conditions

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|---|---|
| Operating Temperature Range | -65 – 125 °C |
| Environmental Ambient Temperature (Max) | 125 °C[257 °F] |

### Operation/Application

| | |
|---|---|
| Vibration Resistance | 30G's, 10 – 3000Hz |
| Shock Resistance | 75G's, 6ms |
| Coil Magnetic System | Non-Polarized, Monostable |
| Current Type | DC |

### Other

| | |
|---|---|
| Contact Current Class | ≤2 A |
| Coil Power Rating Class | >.3 – ≤.6 W |

## 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 | 有害物质含量超出标准 Restricted Substance(s) Above Threshold |
| EU REACH Regulation (EC) No. 1907/2006 | Current ECHA Candidate List: JUNE 2025 (250)<br>Candidate List Declared Against: JAN 2024 (240)<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

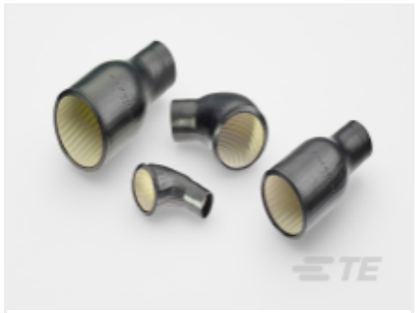
based on the new ECHA "Guidance on requirements for substances in articles" (June 2017, version 4.0) and will be updating its statements accordingly.

## Compatible Parts



TE Part # 1617037-9
HFW5A1201K00 = HFW 5AMP RELAY

## Customers Also Bought



TE Part #EM3685-000
234A011-25C/200-0



TE Part #488099-000
5420-00-440012



TE Part #3-1393139-7
MDR-4091=SML,L,4PDT,440VAC



TE Part #1617162-8
J1MACT-26XP = M28776/5-030P



TE Part #3-1617351-3
J1MSC-26XP=M39016/10-036P



TE Part #6-1617533-2
HFW1131F01P=M39016/6-121P



TE Part #217369-2
EXTRACTION TOOL



TE Part #CU2131-000
D-607-03CS3005



TE Part #226439-000
D-153-6003

## Documents

CAD Files
3D PDF

3D

Customer View Model

ENG_CVM_CVM_2-1617146-5_E.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_2-1617146-5_E.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_2-1617146-5_E.3d_stp.zip

English

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## Datasheets & Catalog Pages

5-1773450-5_sec1_MGA

English