

J1MACD-18XM

✓ ACTIVE

CII

TE Internal #: 5-1617540-2

General Purpose Signal Relay, DC, Non-Polarized, Monostable, 1 Form C SPDT-CO, 1 A Contact Rating, 18 VDC Coil Voltage, .287 W Coil Power, Board Mount

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Relays & Contactors > Electromechanical Relays



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

Current Type: **DC**

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

Contact Arrangement: **1 Form C SPDT-CO**

Contact Current Rating: **1 A**

Features

Usage Conditions

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

Electrical Characteristics

Coil Resistance	1130 Ω
Contact Switching Voltage (Max)	28 VDC
Contact Current Rating	1 A
Coil Voltage Rating	18 VDC
Coil Power Rating DC	.287 W

Configuration Features

Coil Special Features	Coil Suppression Diode, Coil Polarity Protection Diode
Contact Arrangement	1 Form C SPDT-CO

Operation/Application

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



Product Type Features

Relay & Contactor Type	General Purpose Signal Relay
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Body Features

Enclosure Type	Hermetically Sealed
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Termination Features

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

Mechanical Attachment

Product Mount Type	Board Mount
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Other

EU RoHS Compliance	Compliant
EU ELV Compliance	Not Compliant

Product Compliance

For compliance documentation, visit the product page on TE.com>

EU RoHS Directive 2011/65/EU	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: JUNE 2024 (241) Candidate List Declared Against: JUNE 2024 (241) 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 Part # 1617037-9
HFW5A1201K00 = HFW 5AMP RELAY

Customers Also Bought

TE Part #433530-000
202K232-25/225-0

TE Part #1-2176381-6
RQ 0805 17K8 0.1% 10PPM 5K RL

TE Part #788799-1
15 HTMSFL ASSY RA 318 (SL,BL)

TE Part #1617151-3
JMGSP-5P = M39016/41-041P

TE Part #532434-9
HDI RECP ASSY 4 ROW 240 POS

TE Part #4-1617118-7
J1MAPD-26XM = M39016/23-024M

TE Part #1617147-4
JMGAP-26M = M39016/17-030M

TE Part #2-1617090-7
LS-7105 = LS RELAY

TE Part #2157447-1
RECT QUADRAX RCPT ASSY,2Q2,
LOW PROF

TE Part #Y77044-8-3PNV00400
HERM RECP

Documents

- CAD Files
- 3D PDF
- 3D
- Customer View Model
- ENG_CVM_CVM_5-1617540-2_O.2d_dxf.zip

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1 A Contact Rating, 18 VDC Coil Voltage, .287 W Coil Power, Board Mount



English

Customer View Model

[ENG_CVM_CVM_5-1617540-2_O.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_5-1617540-2_O.3d_stp.zip](#)

English

By downloading the CAD file I accept and agree to the [Terms and Conditions](#) of use.

Datasheets & Catalog Pages

[5-1773450-5_sec1_1MA](#)

English