



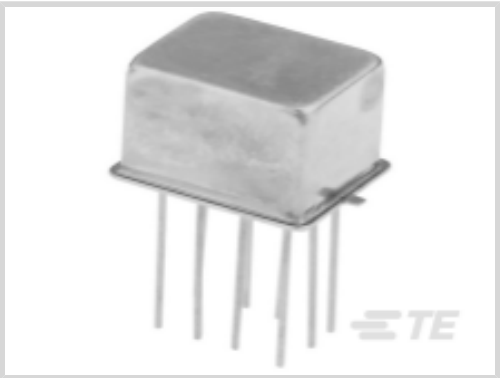
CII

TE Internal #: 1-1617110-9

General Purpose Signal Relay, DC, Non-Polarized, Monostable, 2 Form C DPDT-CO, 1 A Contact Rating, 5 VDC Coil Voltage, .25 W Coil Power, Board Mount

[View on TE.com >](#)

Relays & Contactors > Electromechanical Relays



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

Current Type: **DC**

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

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

Contact Current Rating: **1 A**

Features

Product Type Features

Relay & Contactor Type	General Purpose Signal Relay
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Configuration Features

Coil Special Features	Coil Polarity Protection Diode, Coil Suppression Diode
Pin Configuration	.175" Diameter Mounting Pad
Relay Options	MOSFET Driver
Contact Arrangement	2 Form C DPDT-CO

Electrical Characteristics

Coil Resistance	100 Ω
Contact Switching Voltage (Max)	28 VDC
Contact Current Rating	1 A
Coil Voltage Rating	5 VDC
Coil Power Rating DC	.25 W

Body Features

Enclosure Type	Hermetically Sealed
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Termination Features

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

Extended Leads

Mechanical Attachment

Product Mount Type	Board Mount
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Usage Conditions

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
Current Type	DC
Coil Magnetic System	Non-Polarized, Monostable

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 2025 (247) Candidate List Declared Against: JAN 2022 (223) 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

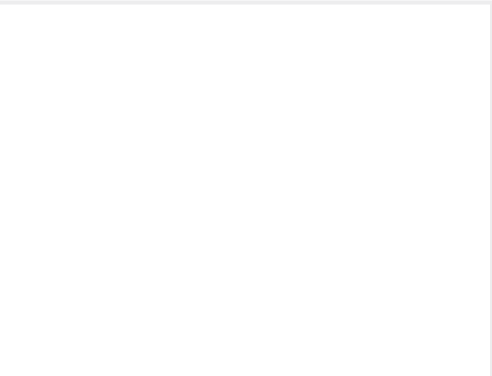
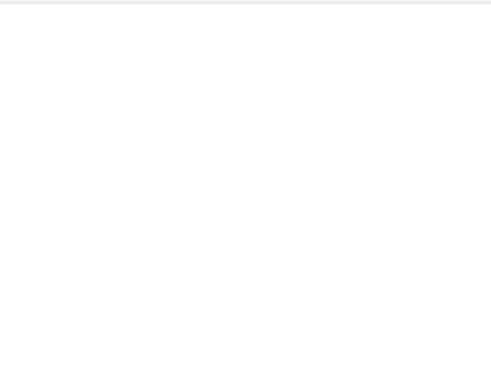
 TE Part # 8-1617536-8 HFW1231K06=M39016/6-225L	 TE Part # 1617038-4 HMB1130K00 = HMB RELAY	 TE Part # 1-1617028-1 HFW1101G01M = M39016/6-130M	 TE Part # 5-1617539-3 HMS1230S04P=M39016/44-029P
 TE Part # 5-1617536-5 HFW1230K12=M39016/6-241L	 TE Part # 2-1617038-0 HMB1201K01L = M39016/22-009L	 TE Part # 6-1617658-7 FW1201A00=FW FULL SIZE RELAY 2	 TE Part # 3-1617536-1 HFW1230F01M=M39016/6-119M
 TE Part # 1-1617029-6 HFW1130K07P = M39016/6-204P	 TE Part # 3-1617033-1 HFW1230K06P = M39016/6-105P	 TE Part # 2-1617030-1 HFW1201F01M = M39016/6-123M	 TE Part # 1617026-1 HFC5A1201K00 = HFC5A COMMERCIA
 TE Part # 1617020-1 FW1201D02 = M5757/10-060	 TE Part # 1617037-1 HFW5A1106K00 = HFW5A RELAY	 TE Part # 2-1617020-3 FW1209G00 = FW RELAY	 TE Part # 3-1617039-1 HMS1201S111P = M39016/44-035P
 TE Part # 4-1617019-1 FW1167G03 = M5757/10-015	 TE Part # 2-1617534-6 HFW1201G15P=M39016/6-244P	 TE Part # 2-1617004-7 B07D634BB2-0118 = M5757/23-008	 TE Part # 2-1617033-4 HFW1230D00 = HFW 1/2 SIZE RELA

Customers Also Bought

JMGST-5MW

General Purpose Signal Relay, DC, Non-Polarized, Monostable, 2 Form C DPDT-CO,
1 A Contact Rating, 5 VDC Coil Voltage, .25 W Coil Power, Board Mount



 TE Part #ZPF000000000033673 983-0SE 14-15 P6	 TE Part #1617122-3 JMACD-12XP = M39016/15-079P	 TE Part #H9342K21-41PB972S FILTER CONNECTOR T56 - 86605892 ENGINE 2	 TE Part #YPLY60050000000000 DEP 984 CONNECTOR G3020DEP01
 TE Part #H9342K21-41PN972U FILTER CONNECTOR T56 - 86605894	 TE Part #H9342K15-19PC972R FILTER CONNECTOR T56 - 86605896 PROP. J1	 TE Part #H9342K21-41PA972V FILTER CONNECTOR T56 - 86605900 AIR FRAM	 TE Part #ZPF000000000003878 747-8006-10
 TE Part #608539-ZZ INTERPOSER	 TE Part #ZPF000000000003506 699-8016-06		

Documents

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_1-1617110-9_O.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_1-1617110-9_O.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_1-1617110-9_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_MGST

English