

MW3S-12A

✓ ACTIVE

CII | CII MW

TE Internal #: 1617099-1

RF Relay, DC, Non-Polarized, Monostable, 2 Form C DPDT-CO, 1 A

Contact Rating, 12 VDC Coil Voltage, .169 W Coil Power, Board

Mount, CII MW

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Relays & Contactors > Electromechanical Relays



Relay & Contactor Type: **RF Relay**

Current Type: **DC**

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

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

Contact Current Rating: **1 A**

Features

Usage Conditions

Operating Temperature Range	-55 – 85 °C
Environmental Ambient Temperature (Max)	85 °C[185 °F]

Electrical Characteristics

Coil Resistance	850 Ω
Contact Switching Voltage (Max)	28 VDC
Contact Current Rating	1 A
Coil Voltage Rating	12 VDC
Coil Power Rating DC	.169 W

Operation/Application

Vibration Resistance	10G's, 10 – 500Hz
Shock Resistance	30G's, 6ms
Current Type	DC
Coil Magnetic System	Non-Polarized, Monostable

Product Type Features

Relay & Contactor Type	RF Relay
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Configuration Features

Contact Arrangement	2 Form C DPDT-CO
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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

MW3S-12A

RF Relay, DC, Non-Polarized, Monostable, 2 Form C DPDT-CO, 1 A Contact Rating, 12 VDC Coil Voltage, .169 W Coil Power, Board Mount, CII MW





TE Part # 1617099-7  
MW3S-5A = MW 3GHZ SENSITIVE



TE Part # 1617036-6  
HFW4A1201D00 = HFW 4A RELAY

Also in the Series | CII MW



DC Relays(9)



Electromechanical Relays(10)

Customers Also Bought



TE Part #DT04-2P  
REC, 2P, GRY, N



TE Part #DT06-2S  
PLG, 2P, GRY, N



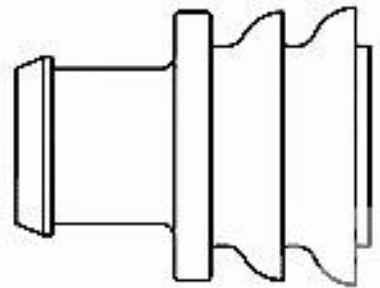
TE Part #CAT-D487-W416  
Wedgelocks: DEUTSCH DT



TE Part #CAT-D48-ST273  
DEUTSCH Solid Contacts



TE Part #CAT-AM71-CH8172  
AMP SUPERSEAL 1.5MM,  
CONNECTOR HOUSING



TE Part #281934-2  
SINGLE WIRE SEAL

Documents

CAD Files

3D PDF

3D

Customer View Model

ENG\_CVM\_CVM\_1617099-1\_O.2d\_dxf.zip

English



Customer View Model

[ENG\\_CVM\\_CVM\\_1617099-1\\_O.3d\\_igs.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_1617099-1\\_O.3d\\_stp.zip](#)

English

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Datasheets & Catalog Pages

[5-1773450-5\\_sec2\\_MW3](#)

English