

MW3-12A = MW 3GHZ HIGH FREQUEN ✓ ACTIVE

CII | CII MW

TE Part # 1617096-1

TE Internal #: MW3-12A

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Relays, Contactors & Switches > Relays > Mil-Aero Relays > High Frequency Relays



Contact Arrangement: **2 Form C, DPDT, 2 C/O**

Input Voltage: **12 VDC**

Contact Current Rating: **1 A**

Coil Voltage Rating: **12 VDC**

Coil Resistance: **390 Ω**

Features

Product Type Features

Enclosure Type	Hermetically Sealed
Coil Latching	Without
Relay Type	Military/Aerospace High Performance
Product Type	Relay
MOSFET Driver	Without

Configuration Features

Transistor Driver	Without
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Electrical Characteristics

Coil Magnetic System	Non-Polarized, Monostable
Vibration	10G's, 10 – 500Hz
Actuating System	DC
Shock	30G's, 6ms
Coil Suppression Diode	Without
Coil Power Measurement	Milliwatts
Coil Polarity Protection Diode	Without
Input Voltage	12 VDC
Coil Voltage Rating	12 VDC
Coil Resistance	390 Ω
Coil Power Rating (DC)	369 mW



Contact Features

Contact Arrangement	2 Form C, DPDT, 2 C/O
Contact Current Rating	1 A

Termination Features

Termination Type	Long Leads
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Mechanical Attachment

Mounting Type	Printed Circuit Board
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Usage Conditions

Operating Temperature Range	-55 – 85 °C
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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 2019 (197) Candidate List Declared Against: JAN 2019 (197)
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 # 1-1617037-3
HFW5A1201L00 = HFW5A
RELAY

Also in the Series | CII MW



High Frequency Relays(11)



TO-5/.100 Grid Relays(11)

Customers Also Bought



TE Part #1-86177-4
14 MODIV HSG COMP DR
.100CL



TE Part #103324-8
16 MODII HDR DRRA B/A .
100CL



TE Part #1044939-1
SCD,B35E43M010X,BNC



TE Part #5-103911-7
30 SYSTEM 50 RCPT ASSY
DRRA



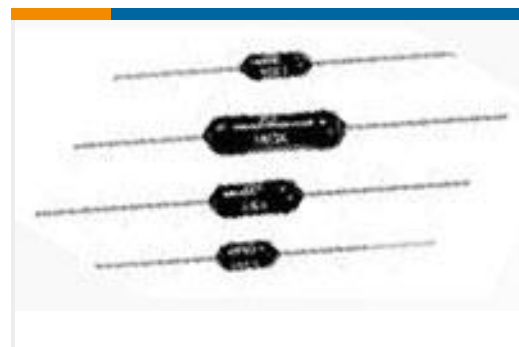
TE Part #5767025-6
MICTOR .707 PLUG ASSY,
228 POS



TE Part #6-104069-6
72 sys 50 hdr drra shrd sn



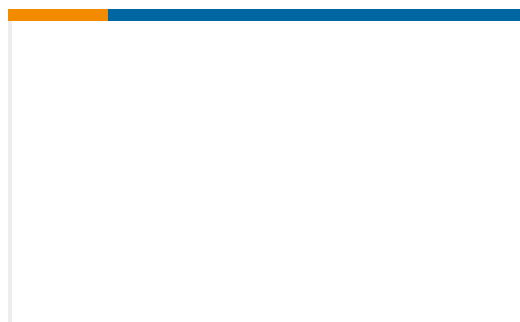
TE Part #8-534267-4
64 MODIV VRT DR DE 100
/125



TE Part #2-1879650-9
H4P 511K 0.5% 100PPM



TE Part #1622497-1
LR1 1% 4K32



TE Part #1589491-2
STM025M8SN = THRU-
HOLE



Documents

CAD Files

3D PDF

3D

Customer View Model

[ENG_CVM_CVM_1617096-1_O.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_1617096-1_O.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_1617096-1_O.3d_stp.zip](#)

English

Datasheets & Catalog Pages

[5-1773450-5_sec2_MW3](#)

English

[RELAY](#)

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