



Relays & Contactors > Relays > Signal Relays > Signal Relay, MT2 Standard, Axicom



Contact Voltage Rating: 250 VAC

Coil Power Rating DC: 400 mW

Isolation (HF Parameter): -14.2dB @ 900MHz, -31.8dB @ 100MHz

Insertion Loss (HF Parameter): -.02dB @ 100MHz, -.97dB @ 900MHz

[All Signal Relay, MT2 Standard, Axicom \(0\)](#)

Features

Product Type Features

Relay Connection Type	PCB Pins
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Electrical Characteristics

Actuating System	DC
Insulation Initial Dielectric Between Open Contacts	750 Vrms
Contact Limiting Making Current	2 A
Contact Limiting Short-Time Current	2 A
Contact Limiting Continuous Current	2 A
Insulation Initial Dielectric Between Contacts and Coil	1050 Vrms
Voltage Standing Wave Ration (HF Parameter)	1.03 @ 100MHz, 1.31 @ 900MHz
Coil Power Rating Class	300 – 400 mW
Insulation Initial Dielectric Between Adjacent Contacts	750 Vrms
Insulation Initial Resistance	1000 MΩ
Power Consumption	400 mW
Contact Limiting Breaking Current	2 A
Contact Switching Load (Min)	10mA @ .02V
Coil Resistance	360 Ω
Contact Voltage Rating	250 VAC
Coil Power Rating DC	400 mW



Coil Voltage Rating	12 VDC
Contact Switching Voltage (Max)	250 VAC
Coil Magnetic System	Monostable, DC

Signal Characteristics

Isolation (HF Parameter)	-14.2dB @ 900MHz, -31.8dB @ 100MHz
Insertion Loss (HF Parameter)	-.02dB @ 100MHz, -.97dB @ 900MHz

Body Features

Product Weight	5 g[.1764 oz]
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Contact Features

Contact Plating Material	Gold
Contact Special Features	Bifurcated/Twin Contacts
Contact Current Class	0 – 2 A
Contact Current Rating (Max)	2 A
Contact Arrangement	2 Form C (2 CO)
Contact Base Material	Nickel-Titanium
Contact Number of Poles	2

Mechanical Attachment

Product Mount Type	Printed Circuit Board
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Dimensions

Length Class (Mechanical)	20 – 25 mm
Height Class (Mechanical)	10 – 11 mm
Width Class (Mechanical)	8 – 10 mm
Product Width	10 mm[.393 in]
Product Length	20.2 mm[.795 in]
Product Height	10.8 mm[.425 in]

Usage Conditions

Environmental Ambient Temperature Class	70 – 85 °C
Environmental Ambient Temperature (Max)	85 °C[185 °F]
Operating Temperature Range	-55 – 85 °C

Operation/Application

Performance Type	Standard
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Packaging Features



Packaging Method	Box & Tube, Tube
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Other

Solder Process	Wave Solder
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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	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: JAN 2024 (240) Candidate List Declared Against: JAN 2024 (240) Does not contain REACH SVHC
Halogen Content	Not Low Halogen - contains Br or Cl > 900 ppm.
Solder Process Capability	Wave solder capable to 265°C

Product Compliance Disclaimer

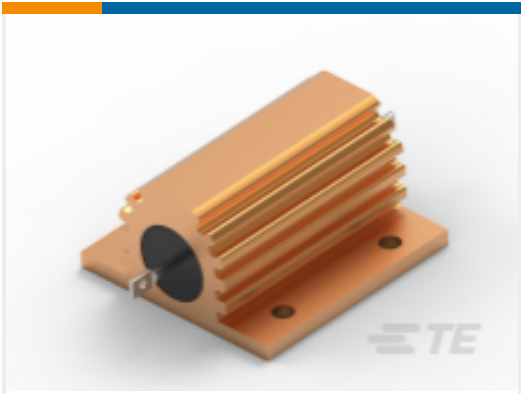
This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight 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>

Also in the Series |

Customers Also Bought



TE Part #4-640441-1
11P MTA100 CONN ASSY WHT



TE Part #9-1625971-3
Power Resistors: Aluminum Housed, HSA



TE Part #5-1879233-3
SMW5 15R 5%



TE Part #440052-4
2.5MM,HDR,4POS,VERTICAL, CONNECTOR



TE Part #4-1879071-5
THS50 330R 5%



TE Part #1825232-1
SLIDE SWITCH,SPDT,Right Angle



TE Part #1676249-2
RN 0805 20K5 0.1% 10PPM 1KRL



TE Part #1-1462000-8
C93404=MT RELAY 150MW 48V

Documents

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_5-1462000-1_C.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_5-1462000-1_C.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_5-1462000-1_C.3d_stp.zip

English

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

Datasheets & Catalog Pages

Transportation, Storage, Handling, Assembly and Testing of AXICOM THT Relays

English

MT2 Relay Datasheet

English

Product Specifications

Definitions General Purpose Relays

English

Agency Approvals

UL

English

C93424

C93424=MT Relay 400 mW 12 V

