

C93416 ✓ ACTIVE

Axicom | Axicom MT2 Relay

TE Internal #: 3-1462000-1

RF Relay, DC, Monostable, 2 Form C DPDT-CO, 2 A Contact

Rating, 5 VDC Coil Voltage, 250 VAC Contact Voltage, 220 VDC

Contact Voltage, Axicom MT2 Relay

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Relays & Contactors > Electromechanical Relays > Signal Relay, MT2 Sensitive, Axicom



Relay & Contactor Type: **RF Relay**

Current Type: **DC**

Coil Magnetic System: **Monostable**

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

Contact Current Rating: **2 A**

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

## Features

### Contact Features

Contact Plating Material	Gold
Contact Material	Nickel-Titanium

### Dimensions

Product Width	10 mm[.393 in]
Product Length	20.2 mm[.795 in]
Product Height	10.8 mm[.425 in]

### Signal Characteristics

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

### Packaging Features

Packaging Method	Box & Tube
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### Other

Coil Power Rating Class	.15 – .2 W
Contact Current Class	0 – 2 A
Environmental Ambient Temperature Class	70 – 85 °C
Height Class (Mechanical)	10 – 11 mm

Length Class (Mechanical)	20 – 25 mm
Width Class (Mechanical)	8 – 10 mm
EU RoHS Compliance	Compliant
EU ELV Compliance	Compliant

### Usage Conditions

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

### Body Features

Product Weight	5 g[.1764 oz]
Enclosure Type	Flux Resistant Automatic Soldering & Washable

### Electrical Characteristics

Contact Limiting Short-Time Current	2 A
Contact Limiting Making Current	2 A
Contact Limiting Continuous Current	2 A
Contact Limiting Breaking Current	2 A
Insulation Initial Dielectric Between Open Contacts	750 Vrms
Insulation Initial Dielectric Between Adjacent Contacts	750 Vrms
Contact Switching Voltage (Max)	250 VAC
Contact Switching Load (Min)	10mA @ .02V
Voltage Standing Wave Ration (HF Parameter)	1.03db @ 100MHz, 1.31db @ 900MHz
Coil Resistance	125 Ω
Insulation Initial Resistance	1000 MΩ
Contact Current Rating	2 A
Coil Voltage Rating	5 VDC
Contact Voltage Rating	220 VDC
Coil Power Rating DC	.2 W
Insulation Initial Dielectric Between Contacts & Coil	1050 Vrms

### Configuration Features

Contact Special Features	Bifurcated/Twin Contacts
Relay Options	RF Rated
Contact Number of Poles	2



Coil Special Features	Sensitive Version
Contact Arrangement	2 Form C DPDT-CO

**Operation/Application**

Solder Process	Wave Solder
Current Type	DC
Coil Magnetic System	Monostable

**Product Type Features**

Relay & Contactor Type	RF Relay
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**Mechanical Attachment**

Product Mount Type	Board Mount
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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: JUNE 2024 (241) Candidate List Declared Against: JUNE 2024 (241) 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 | [Axicom MT2 Relay](#)



## Customers Also Bought



## Documents

### CAD Files

3D PDF

3D

### Customer View Model

[ENG\\_CVM\\_CVM\\_3-1462000-1\\_C.2d\\_dxf.zip](#)

English

### Customer View Model

[ENG\\_CVM\\_CVM\\_3-1462000-1\\_C.3d\\_igs.zip](#)



English

### Customer View Model

[ENG\\_CVM\\_CVM\\_3-1462000-1\\_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](#)

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