



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



Relay & Contactor Type: **RF Relay**

Coil Magnetic System: **Monostable**

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

Current Type: **DC**

Contact Current Rating: **2 A**

Features

Product Type Features

Relay & Contactor Type	RF Relay
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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

Electrical Characteristics

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
Contact Switching Voltage (Max)	220 VDC
Contact Switching Load (Min)	10mA @ .02V
Voltage Standing Wave Ration (HF Parameter)	1.03 @ 100MHz, 1.31 @ 900MHz
Insulation Initial Dielectric Between Adjacent Contacts	750 Vrms
Insulation Initial Resistance	1000 MΩ
Contact Limiting Breaking Current	2 A



Coil Resistance	125 Ω
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

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]
Enclosure Type	Flux Resistant Automatic Soldering & Washable

Contact Features

Contact Material	Nickel-Titanium
Contact Plating Material	Gold

Mechanical Attachment

Product Mount Type	Printed Circuit Board
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Dimensions

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

Usage Conditions

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

Operation/Application

Performance Type	Standard
Solder Process	Wave Solder
Coil Magnetic System	Monostable
Current Type	DC

Packaging Features

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Packaging Method	Box & Tube
Other	
Environmental Ambient Temperature Class	70 – 85 °C
Coil Power Rating Class	.15 – .2 W
Contact Current Class	0 – 2 A
Height Class (Mechanical)	10 – 11 mm
Length Class (Mechanical)	20 – 25 mm
Width Class (Mechanical)	8 – 10 mm

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

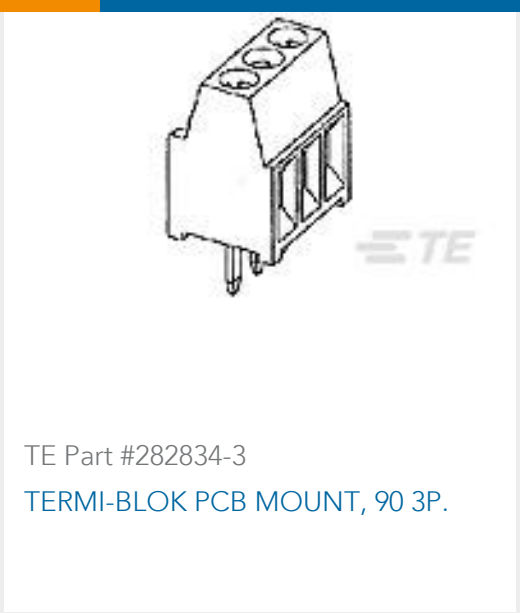
Product Compliance Disclaimer

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

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Datasheets & Catalog Pages

[Transportation, Storage, Handling, Assembly and Testing of AXICOM THT Relays](#)

English

[MT2 Relay Datasheet](#)

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Product Specifications

[Definitions General Purpose Relays](#)

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Agency Approvals

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