



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



Contact Voltage Rating: **250 VAC**

Coil Power Rating DC: **550 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	500 – 600 mW
Insulation Initial Dielectric Between Adjacent Contacts	750 Vrms
Insulation Initial Resistance	1000 MΩ
Power Consumption	550 mW
Contact Limiting Breaking Current	2 A
Contact Switching Load (Min)	10mA @ .02V
Coil Resistance	280 Ω
Contact Voltage Rating	250 VAC
Coil Power Rating DC	550 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 #5747844-5  
09 MSFL RCPT RA 318 (SL,FM,BL)



TE Part #1-5229912-1  
KIT, PLUG, 50 POS, B SLOT



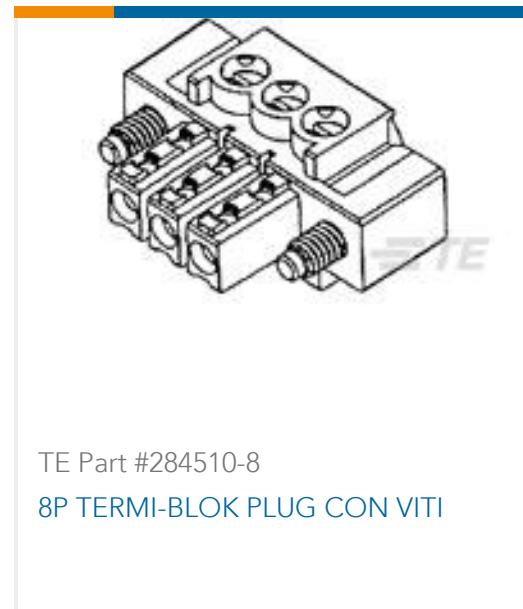
TE Part #7-5530843-0  
CONN SEC II 31 POS 100C/L



TE Part #2-1761603-5  
IDC LOW PRO HDR 14P VERT BLUE



TE Part #1-640445-0  
10P MTA156 HDR ASSY FL/STR SN



TE Part #284510-8  
8P TERMI-BLOK PLUG CON VITI



TE Part #5-534237-4  
06 MODII VRT SR CE 100/115



TE Part #3-1447221-4  
S/S REC CONTACT ASSY, AU, 0.5



TE Part #2-36149-3  
TERMINAL,PIDG R IR 22 6



TE Part #1393776-3  
V23026D1021B201 \*X020

## Documents

### CAD Files

#### 3D PDF

3D

#### Customer View Model

[ENG\\_CVM\\_CVM\\_6-1462000-2\\_C.2d\\_dxf.zip](#)

English

#### Customer View Model

[ENG\\_CVM\\_CVM\\_6-1462000-2\\_C.3d\\_igs.zip](#)

English

#### Customer View Model

[ENG\\_CVM\\_CVM\\_6-1462000-2\\_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



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**Product Specifications**

**Definitions** General Purpose Relays

English

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**Agency Approvals**

**UL**

English