



RELAYS, CONTACTORS & SWITCHES

## SIGNAL RELAYS



✓ Active

↓ **PRODUCT DRAWING**  
English

↓ **3D PDF**

TE CONNECTIVITY (TE)

### C93402=MT Relay 150 mW 12 V

Axicom | MT2 Relay

C93402

TE Internal Number: 1462000-7

Converted to EU RoHS/ELV Compliant

Contact Voltage Rating **250 VAC [ 220 VDC ]**

Coil Power Rating (DC) (mW) **450**

Insulation Initial Resistance (MΩ) **1000000**

Mounting Type **Printed Circuit Board**

Contact Switching Voltage (Max) **250 VAC [ 220 VDC ]**



### Product Drawings

**MT2-Relay**

PDF (**TIFF AVAILABLE**)  
English

**MT2-Relay**

PDF (**TIFF AVAILABLE**)  
English

### CAD Files

**Customer View Model**

2D\_DXF.ZIP  
English

**3D PDF**

PDF  
3D

**Customer View Model**

3D\_IGS.ZIP  
English

**Customer View Model**

3D\_STP.ZIP  
English

**Customer View Model**

2D\_DXF.ZIP  
English

### 3D PDF

PDF  
3D

### Customer View Model

3D\_IGS.ZIP  
English

### Customer View Model

3D\_STP.ZIP  
English

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## Product Specifications

Product Specification

### MT2 Relay Datasheet

PDF  
English

### Definitions Relays

PDF  
English

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## Product Environmental Compliance

TE Material Declaration

### MD\_1462000-7\_062920142322\_dmtec

PDF  
English

Please review product documents or [contact us](#) for the latest agency approval information. Please Note: Use the Product Drawing for all design activity.

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Product Type Features

Relay Style

**MT2 Signal Relays**

Product Type

**Relay**

Relay Type

**MT2 Relay**

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Electrical Characteristics

Contact Voltage Rating

**250 VAC [ 220 VDC ]**

Coil Power Rating (DC) (mW)

**450**

Insulation Initial Resistance (M $\Omega$ )

**1000000**

Contact Switching Voltage (Max)

**250 VAC [ 220 VDC ]**

Coil Magnetic System

**Monostable, DC**

Insulation Initial Dielectric Between  
Coil/Contact Class

**1000 V – 1500 VA**

Insulation Initial Dielectric Between Adjacent  
Contacts (Vrms)

**750**

Insulation Initial Dielectric Between Contacts  
and Coil (Vrms)

**1050**

Contact Limiting Making Current (A)

**2**

Insulation Initial Dielectric Between Open  
Contacts (Vrms)

**750**

Actuating System

**AC/DC**

Contact Limiting Short-Time Current (A)

**2**

Contact Limiting Continuous Current (A)

**2**

Coil Resistance ( $\Omega$ )

**968**

Contact Switching Load (Min)

**10mA @ .02V**

Contact Limiting Class (mm)	<b>1.03 @ 100MHz, 1.31 @ 900MHz</b>
Contact Limiting Breaking Current (A)	<b>2</b>
Power Consumption (mW)	<b>150</b>
Coil Power Rating Class	<b>100 – 150 mW</b>
Coil Type	<b>Monostable</b>
Voltage Standing Wave Ration (HF Parameter)	<b>1.03 @ 100MHz, 1.31 @ 900MHz</b>

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Body Features	Weight	<b>5 g [ .1764 oz ]</b>
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Contact Features	Contact Number of Poles	<b>2</b>
	Contact Special Features	<b>Bifurcated/Twin Contacts</b>
	Contact Current Class	<b>0 – 2 A</b>
	Contact Plating Material	<b>Gold</b>

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Termination Features	Termination Type	<b>Through Hole</b>
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Mechanical Attachment	Mounting Type	<b>Printed Circuit Board</b>
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Dimensions	Length Class (Mechanical)	<b>20 – 25 mm</b>
	Width Class (Mechanical)	<b>8 – 10 mm</b>
	Length	<b>20.2 mm [ .795 in ]</b>
	Width	<b>10 mm [ .394 in ]</b>
	Height Class (Mechanical)	<b>10 – 11 mm</b>
	Height	<b>11 mm [ .433 in ]</b>

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Usage Conditions	Environmental Category of Protection	<b>RTIII</b>
	Operating Temperature Range (°C)	<b>-55 – 85</b>
	Environmental Ambient Temperature (Max)	<b>85 °C [ 85 °F ]</b>
	Environmental Ambient Temperature Class	<b>70 – 85°C</b>

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Packaging Features	Packaging Method	<b>Tube, Tube/Box</b>
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Product Compliance [Statement of Compliance](#)  
PDF

[VIEW ALL PRODUCT COMPLIANCE](#)

