



## SIGNAL RELAYS



✓ Active

↓ **PRODUCT DRAWING**  
English

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### TE CONNECTIVITY (TE) V23079D1005B301

Axicom | P2 Signal Relay

V23079D1005B301

TE Internal Number: 5-1393788-8

Always EU RoHS/ELV Compliant

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

Coil Power Rating (DC) (mW) **682**

Insulation Initial Resistance (MΩ) **1000**

Mounting Type **Printed Circuit Board**

Terminal Type **PCB-SMT**

### Product Drawings

[P2-W-Relay](#)  
PDF (TIFF AVAILABLE)  
English

[P2-W-Relay](#)  
PDF (TIFF AVAILABLE)  
English

### CAD Files

[Customer View Model](#)  
TIF  
English

[Customer View Model](#)  
3D\_IGS.ZIP  
English

[Customer View Model](#)  
3D\_STP.ZIP  
English

[Customer View Model](#)  
2D\_DXF.ZIP  
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### Product Specifications

Product Specification

[P2 Relay Datasheet](#)  
PDF  
English

## Definitions Relays

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	<b>P2 V23079 Relay</b>
	Product Type	<b>Relay</b>
	Relay Type	<b>P2 Relay V23079</b>

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Electrical Characteristics	Contact Voltage Rating	<b>250 VAC [ 220 VDC ]</b>
	Coil Power Rating (DC) (mW)	<b>682</b>
	Insulation Initial Resistance (M $\Omega$ )	<b>1000</b>
	Contact Switching Voltage (Max)	<b>250 VAC [ 220 VDC ]</b>
	Coil Magnetic System	<b>Monostable, DC, Polarized</b>
	Insulation Creepage Between Contact and Coil	<b>2.5 mm [ .098 in ]</b>
	Insulation Initial Dielectric Between Coil/Contact Class	<b>1000 V – 1500 VA</b>
	Insulation Initial Dielectric Between Adjacent Contacts (Vrms)	<b>1000</b>
	Insulation Initial Dielectric Between Contacts and Coil (Vrms)	<b>1500</b>
	Contact Limiting Making Current (A)	<b>2</b>
	Insulation Initial Dielectric Between Open Contacts (Vrms)	<b>1000</b>
	Actuating System	<b>DC</b>
	Contact Limiting Short-Time Current (A)	<b>2</b>
	Contact Limiting Continuous Current (A)	<b>2</b>
	Coil Resistance ( $\Omega$ )	<b>4114</b>
	Contact Switching Load (Min)	<b>10mA @ .2V</b>
	Contact Limiting Breaking Current (A)	<b>2</b>
	Power Consumption (mW)	<b>140</b>
	Coil Power Rating Class	<b>100 – 150 mW</b>
	Coil Type	<b>Monostable</b>
Voltage Standing Wave Ration (HF Parameter)	<b>1.04 @ 100MHz, 1.4dB @ 900MHz</b>	
Insulation Creepage Class	<b>1.5 – 3 mm</b>	

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Body Features	Weight	<b>2.8 g [ .0988 oz ]</b>
	Insulation Special Features	<b>2500V Initial Surge Withstand Voltage between Contacts &amp; Coil</b>

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Contact Features	Terminal Type	<b>PCB-SMT</b>
	Contact Current Rating (A)	<b>.2</b>
	Contact Arrangement	<b>2 Form C (CO)</b>
	Contact Material	<b>Gold F</b>
	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>Surface Mount</b>
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Mechanical Attachment	Mounting Type	<b>Printed Circuit Board</b>
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Dimensions	Length Class (Mechanical)	<b>14 – 16 mm</b>
	Width Class (Mechanical)	<b>6 – 8 mm</b>
	Width	<b>7.2 mm [ .283 in ]</b>
	Insulation Clearance Class	<b>0 – 2.5 mm</b>
	Length	<b>14.5 mm [ .571 in ]</b>
	Insulation Clearance Between Contact and Coil	<b>1.3 mm [ .051 in ]</b>
	Height Class (Mechanical)	<b>10 – 11 mm</b>
	Height	<b>10.4 mm [ .409 in ]</b>

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Usage Conditions	Environmental Category of Protection	<b>RTIII</b>
	Operating Temperature Range (°C)	<b>-40 – 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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Operation/Application	Performance Type	<b>Standard</b>
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Packaging Features	Packaging Method	<b>Reel</b>
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Other	Additional Features	<b>Long Terminals</b>
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Product Compliance [Statement of Compliance](#)  
PDF

[VIEW ALL PRODUCT COMPLIANCE](#)

# CUSTOMERS ALSO BOUGHT

SURFACE MOUNT RESISTORS	THROUGH-HOLE RESISTORS	STANDARD POWER RELAYS	THROUGH-HOLE RESISTORS
			
<p>SMW3 180R 5% SMW3180RJT</p>	<p>H8 619R 0.1% 15PPM H8619RBYA</p>	<p>RT314012WG 8-1415535-6</p>	<p>H8 432K 0.1% 15PPM H8432KBYA</p>
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