



SIGNAL RELAYS



✓ Active

↓ **PRODUCT DRAWING**
English

↓ **3D PDF**

TE CONNECTIVITY (TE) V23079A2008B301

Axicom | P2 Signal Relay

V23079A2008B301

TE Internal Number: 6-1419120-6

Always EU RoHS/ELV Compliant

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

Insulation Initial Resistance (MΩ) **1000**

Mounting Type **Printed Circuit Board**

Terminal Type **PCB-THT**

Coil Voltage Rating (VAC) **48**

Product Drawings

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

[P2-T-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
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[Customer View Model](#)
2D_DXF.ZIP
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[3D PDF](#)
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3D

[Customer View Model](#)
3D_IGS.ZIP
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3D_STP.ZIP
English

Product Specifications

Product Specification

[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.

Product Type Features	Relay Style	P2 V23079 Relay
	Product Type	Relay
	Relay Type	P2 Relay V23079
Electrical Characteristics	Contact Voltage Rating	250 VAC [220 VDC]
	Insulation Initial Resistance (M Ω)	1000
	Coil Voltage Rating (VAC)	48
	Contact Switching Voltage (Max)	250 VAC [220 VDC]
	Coil Magnetic System	Monostable, DC, Polarized
	Coil Special Features	Overmolded Coil
	Insulation Creepage Between Contact and Coil	2.5 mm [.098 in]
	Insulation Initial Dielectric Between Coil/Contact Class	1000 V – 1500 VA
	Insulation Initial Dielectric Between Adjacent Contacts (Vrms)	1000
	Insulation Initial Dielectric Between Contacts and Coil (Vrms)	1500
	Contact Limiting Making Current (A)	2
	Insulation Initial Dielectric Between Open Contacts (Vrms)	1000
	Actuating System	DC
	Contact Limiting Short-Time Current (A)	2
	Contact Limiting Continuous Current (A)	2
	Coil Resistance (Ω)	64
	Contact Switching Load (Min)	10mA @ .2V
	Contact Limiting Breaking Current (A)	2
	Power Consumption (mW)	140
	Coil Power Rating Class	100 – 150 mW
Voltage Standing Wave Ration (HF Parameter)	1.04 @ 100MHz, 1.4dB @ 900MHz	
Insulation Creepage Class	1.5 – 3 mm	
Body Features	Weight	2.8 g [.0988 oz]
	Insulation Special Features	2500V Initial Surge Withstand Voltage between Contacts & Coil
Contact Features	Terminal Type	PCB-THT

Contact Current Rating (A)	2
Contact Arrangement	2 Form C (CO)
Contact Material	Ag
Contact Number of Poles	2
Contact Special Features	Bifurcated/Twin Contacts
Contact Current Class	0 – 2 A
Contact Plating Material	Gold

Termination Features	Termination Type	Surface Mount
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Mechanical Attachment	Mounting Type	Printed Circuit Board
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Dimensions	Length Class (Mechanical)	14 – 16 mm
	Width Class (Mechanical)	6 – 8 mm
	Width	7.2 mm [.283 in]
	Insulation Clearance Class	0 – 2.5 mm
	Length	14.6 mm [.575 in]
	Insulation Clearance Between Contact and Coil	1.3 mm [.051 in]
	Height Class (Mechanical)	9 – 10 mm
	Height	9.5 mm [.374 in]

Usage Conditions	Environmental Category of Protection	RTIII
	Operating Temperature Range (°C)	-40 – 85
	Environmental Ambient Temperature (Max)	85 °C [85 °F]
	Environmental Ambient Temperature Class	70 – 85°C

Operation/Application	Performance Type	Standard
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Packaging Features	Packaging Method	Box/Carton
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Product Compliance [Statement of Compliance](#)
PDF

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