



SIGNAL RELAYS



Active

PRODUCT DRAWING
English

3D PDF

TE CONNECTIVITY (TE) V23079A2003B301

Axicom | P2 Signal Relay

V23079A2003B301

TE Internal Number: 3-1393789-7

Always EU RoHS/ELV Compliant

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

Coil Power Rating (DC) (mW) **200**

Isolation (HF Parameter) **-39dB @ 100MHz, -20.7dB @ 900MHz**

Insertion Loss (HF Parameter) **-.27dB @ 900MHz, -.02dB @ 100MHz**

Insulation Initial Resistance (M Ω) **1000000**

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
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

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.

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]
	Coil Power Rating (DC) (mW)	200
	Insulation Initial Resistance (MΩ)	1000000
	Coil Voltage Rating (VAC)	5
	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)	1029
	Contact Switching Load (Min)	10mA @ .2V
	Contact Limiting Breaking Current (A)	2
	Power Consumption (mW)	140
	Coil Power Rating Class	100 – 150 mW
	Coil Type	Monostable
	Voltage Standing Wave Ration (HF Parameter)	1.04 @ 100MHz, 1.4dB @ 900MHz
Insulation Creepage Class	1.5 – 3 mm	

Signal Characteristics	Isolation (HF Parameter)	-39dB @ 100MHz, -20.7dB @ 900MHz
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Insertion Loss (HF Parameter) **-.27dB @ 900MHz, -.02dB @ 100MHz**

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) **.5**

Contact Arrangement **2 Form C (CO)**

Contact Material **Ruthenium**

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 **Through Hole**

Mechanical Attachment

Mounting Type **Printed Circuit Board**

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**

Packaging Features

Packaging Method **Box/Carton**

[VIEW ALL PRODUCT COMPLIANCE](#)

CUSTOMERS ALSO BOUGHT

HEAT SHRINK TUBING	SURFACE MOUNT RESISTORS	LED HOLDERS	SURFACE MOUNT RESISTORS
			
<p>HT-200-1/4-X-SP HT-200-1/4-X-SP</p>	<p>CPF0603 1K0 0.1% 25PPM 5K RL CPF0603B1K0E</p>	<p>LUMAWISE LED HOLDER Z50 LOW PROFILE 1619 2213382-1</p>	<p>TL3A R056 1% 2K RL TL3AR056FTDG</p>
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