RELAYS, CONTACTORS & SWITCHES

SIGNAL RELAYS

Active

PRODUCT DRAWING
English

3D PDF

TE CONNECTIVITY (TE)

V23079B1205B301

Axicom | P2 Signal Relay

V23079B1205B301
TE Internal Number: 3-1393788-7

Always EU RoHS/ELV Compliant

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

Coil Power Rating (DC) (mW) **140**

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

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

Insulation Initial Resistance (MΩ) **1000000**

Product Drawings

P2-2-T-Relay
PDF **(TIFF AVAILABLE)**
English

P2-2-T-Relay
PDF **(TIFF AVAILABLE)**
English

CAD Files

Customer View Model
2D_DXF.ZIP
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3D PDF
PDF
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Customer View Model
3D_IGS.ZIP
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Customer View Model
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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.

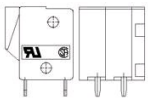
Product Type Features	Relay Style	**P2 V23079 Relay**
	Product Type	**Relay**
	Relay Type	**P2 Relay V23079**
Electrical Characteristics	Contact Voltage Rating	**250 VAC [220 VDC]**
	Coil Power Rating (DC) (mW)	**140**
	Insulation Initial Resistance (MΩ)	**1000000**
	Coil Voltage Rating (VAC)	**12**
	Contact Switching Voltage (Max)	**250 VAC [220 VDC]**
	Coil Magnetic System	**Bistable, 2 Coils, Polarized**
	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)	**4114**
	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	**Bistable, 2 Coils**
	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**
	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)	**.4**
	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	**14.5 mm [.571 in]**
	Insulation Clearance Between Contact and Coil	**1.3 mm [.051 in]**
	Height Class (Mechanical)	**9 – 10 mm**
	Height	**9.8 mm [.386 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**
Product Compliance	Statement of Compliance PDF	

VIEW ALL PRODUCT COMPLIANCE

CUSTOMERS ALSO BOUGHT

TERMINAL BLOCK HEADERS & RECEPTACLES



Bd Mt Screwless, 5.08mm Top Wi

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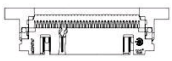

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