RELAYS, CONTACTORS & SWITCHES

SIGNAL RELAYS

✔ Active

TE CONNECTIVITY (TE)

V23079J1101B301

Axicom | P2 Signal Relay

V23079J1101B301
TE Internal Number: 2-1393789-5

EU RoHS Compliant
EU ELV Compliant

Contact Voltage Rating (VAC) 250
Contact Voltage Rating (VDC) 220
Coil Power Rating (DC) (mW) 766
Mounting Type Printed Circuit Board
Terminal Type PCB-SMT

3D PDF

DOCUMENTATION

CAD Files

Customer View Model

3D_IGS.ZIP
English

Customer View Model

3D_STP.ZIP
English

Customer View Model

2D_DXF.ZIP
English

3D PDF

PDF
English

Catalog Pages/Data Sheets

AXICOM Latching Relays

PDF

English

Reliability Of AXICOM Electromechanical Relays

PDF

English

Transportation, Storage, Handling, Assembly And Testing Of AXICOM SMT Relays

PDF

English

Product Specifications

Product Specification

P2 Relay Datasheet

PDF

English

Definitions Relays

PDF

English

FEATURES

Please review product documents or contact us for the latest agency approval information.

Product Type Features

Product Type Relay
Relay Style P2 V23079 Relay
Relay Type P2 Relay V23079

Electrical Characteristics

Contact Switching Load (Min) 10mA @ .2V
Contact Limiting Breaking Current (A) 2
Contact Voltage Rating (VAC) 250
Contact Voltage Rating (VDC) 220
Coil Power Rating (DC) (mW) 766
Coil Voltage Rating (VAC) 12
Contact Switching Voltage (Max) (VDC) 220
Contact Switching Voltage (Max) (VAC) 250
Coil Magnetic System Bistable, 1 Coil, Polarized
Coil Type Bistable, 1 Coil
Insulation Creepage Between Contact and Coil 2.5 mm [.098 in]
Contact Limiting Continuous Current (A) 2
Coil Resistance (Ω) 357
Contact Limiting Making Current (A) 2
Insulation Initial Resistance (MΩ) 1000
Power Consumption (mW) 70
Insulation Initial Dielectric Between Adjacent Contacts (Vrms) 1000
Voltage Standing Wave Ration (HF Parameter) 1.04 @ 100MHz, 1.4dB @ 900MHz
Insulation Initial Dielectric Between Coil/Contact Class 1000 V – 1500 VA
Insulation Creepage Class (mm) 1.5 – 3
Insulation Initial Dielectric Between Contacts and Coil (Vrms) 1500
Contact Limiting Short-Time Current (A) 2
Insulation Initial Dielectric Between Open Contacts (Vrms) 1000
Actuating System DC
Coil Power Rating Class 100 – 150 mW

Body Features

Weight 2.8 g [.0988 oz]
Insulation Special Features 2500V Initial Surge Withstand Voltage between Contacts & Coil

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Contact Features

Terminal Type PCB-SMT
Contact Current Rating (A) 3
Contact Arrangement 2 Form C (CO)
Contact Material Nickel-Titanium
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

Mechanical Attachment

Mounting Type Printed Circuit Board

Dimensions

Insulation Clearance Class (mm) 0 – 2.5
Length 14.5 mm [.571 in]
Height Class (Mechanical) 10 – 11 mm
Insulation Clearance Between Contact and Coil 1.3 mm [.051 in]
Length Class (Mechanical) 14 – 16 mm
Height 10.4 mm [.409 in]
Width 7.2 mm [.283 in]
Width Class (Mechanical) 6 – 8 mm

Usage Conditions

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

Operation/Application

Performance Type Standard

Packaging Features

Packaging Method Reel

Other

Additional Features Short Terminals

PRODUCT COMPLIANCE

Statement of Compliance

Statement of Compliance
PDF