V23079B1205B301 ✔ ACTIVE

Axicom | Axicom P2 Signal Relay

TE Internal #: 3-1393788-7

Axicom P2 Signal Relay, Signal Relays, 220VDC Contact Voltage Rating, 250VAC Contact Voltage Rating, 140mW Coil Power Rating (DC)

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Relays, Contactors & Switches > Relays > Signal Relays > AXICOM P2 STANDARD

Contact Voltage Rating: **250 VAC**

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

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

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

All AXICOM P2 STANDARD (85)

Features

Product Type Features

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

Electrical Characteristics

Coil Power Rating Class	100 – 150 mW
Actuating System	DC
Insulation Initial Dielectric Between Open Contacts	1000 Vrms
Contact Limiting Short-Time Current	2 A
Insulation Initial Dielectric Between Contacts and Coil	1500 Vrms
Insulation Creepage Class	1.5 – 3 mm
Insulation Initial Dielectric Between Coil/Contact Class	1000 V – 1500 VA
Voltage Standing Wave Ration (HF Parameter)	1.04 @ 100MHz, 1.4dB @ 900MHz
Insulation Initial Dielectric Between Adjacent Contacts	1000 Vrms
Power Consumption	140 mW
Insulation Initial Resistance	1000000 MΩ
Contact Limiting Making Current	2 A
Coil Resistance	4114 Ω
Contact Limiting Continuous Current	2 A

Insulation Creepage Between Contact and Coil	2.5 mm[.098 in]
Coil Type	Bistable, 2 Coils
Contact Limiting Breaking Current	2 A
Contact Switching Load (Min)	10mA @ .2V
Contact Voltage Rating	250 VAC
Coil Power Rating (DC)	140 mW
Coil Voltage Rating	12 VAC
Contact Switching Voltage (Max)	220 VDC
Coil Magnetic System	Bistable, 2 Coils, Polarized

Signal Characteristics

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

Body Features

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

Contact Features

Contact Plating Material	Gold
Contact Current Class	0 – 2 A
Contact Special Features	Bifurcated/Twin Contacts
Terminal Type	PCB-THT
Contact Current Rating	.4 A
Contact Arrangement	2 Form C (CO)
Contact Material	Ruthenium
Contact Number of Poles	2

Termination Features

Termination Type	Through Hole

Mechanical Attachment

Mounting Type	Printed Circuit Board

Dimensions

Width Class (Mechanical)	6 – 8 mm
Width	7.2 mm[.283 in]

Height	9.8 mm[.386 in]
Length Class (Mechanical)	14 – 16 mm
Insulation Clearance Between Contact and Coil	1.3 mm[.051 in]
Height Class (Mechanical)	9 – 10 mm
Length	14.5 mm[.571 in]
Insulation Clearance Class	0 – 2.5 mm

Usage Conditions

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

Operation/Application

Performance Type	Standard

Packaging Features

Packaging Method	Box & Carton

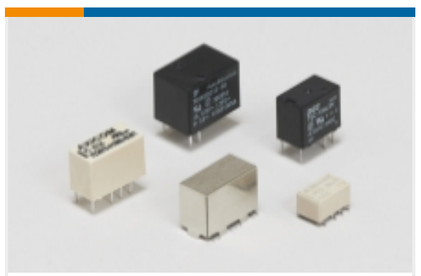
Product Compliance

For compliance documentation, visit the product page on TE.com>

EU RoHS Directive 2011/65/EU	Compliant
EU ELV Directive 2000/53/EC	Not Yet Reviewed
China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUL 2019 (201) Candidate List Declared Against: JUL 2019 (201) Does not contain REACH SVHC
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUL 2019 (201) Candidate List Declared Against: JUL 2019 (201)
Halogen Content	Not Low Halogen - contains Br or Cl > 900 ppm.
Solder Process Capability	Wave solder capable to 265°C

EU RoHS compliant have a maximum concentration of 0.1% by weight in homogenous materials for lead, hexavalent chromium, mercury, PBB, PBDE, DBP, BBP, DEHP, DIBP, and 0.01% for cadmium, or qualify for an exemption to these limits as defined in the Annexes of Directive 2011/65/EU (RoHS2). Finished electrical and electronic equipment products will be CE marked as required by Directive 2011/65/EU. Components may not be CE marked.Additionally, the part numbers that TE has identified as EU ELV compliant have a maximum concentration of 0.1% by weight in homogenous materials for lead, hexavalent chromium, and mercury, and 0.01% for cadmium, or qualify for an exemption to these limits as defined in the Annexes of Directive 2000/53/EC (ELV). Regarding the REACH Regulations, TE's information on SVHC in articles for this part number is still based on the European Chemical Agency (ECHA) 'Guidance on requirements for substances in articles'(Version: 2, April 2011), applying the 0.1% weight on weight concentration threshold at the finished product level. TE is aware of the European Court of Justice ruling of September 10th, 2015 also known as O5A (Once An Article Always An Article) stating that, in case of 'complex object', the threshold for a SVHC must be applied to both the product as a whole and simultaneously to each of the articles forming part of its composition. TE has evaluated this ruling based on the new ECHA "Guidance on requirements for substances in articles" (June 2017, version 4.0) and will be updating its statements accordingly.

Also in the Series | Axicom P2 Signal Relay



Signal Relays(92)

Customers Also Bought

TE Model / Part #1676143-2
RN 0805 100R 0.1% 10PPM 1KRL

TE Model / Part #1625854-2
0805 PROBE PAD

TE Model / Part #5-1393243-6
RT424F24

TE Model / Part #8-1415029-1
PB114012

TE Model / Part #1614349-2
RN 0603 100R 0.1% 10PPM CUT LE

TE Model / Part #1676221-2
RN 0805 1K0 0.1% 10PPM 1KRL

Documents

Product Drawings

V23079B1205B301

English

V23079B1205B301

English

CAD Files

Customer View Model

ENG_CVM_CVM_1393788-5_A.2d_dxf.zip

English

3D PDF

3D

Customer View Model

ENG_CVM_CVM_1393788-5_A.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_1393788-5_A.3d_stp.zip

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Customer View Model

ENG_CVM_CVM_3-1393788-7_C.2d_dxf.zip

English

3D PDF

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Customer View Model

ENG_CVM_CVM_3-1393788-7_C.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_3-1393788-7_C.3d_stp.zip

English

Datasheets & Catalog Pages

Transportation, Storage, Handling, Assembly and Testing of Axicom Through Hole Terminal (THT) Relays

English

Transportation, Storage, Handling, Assembly and Testing of AXICOM THT Relays

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AXICOM Latching Relays

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Industrial Relays Quick Reference Guide

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Product Specifications

Product Specification

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Definitions Relays

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