V23079G1005B301 ✔ ACTIVE

Axicom | Axicom P2 Signal Relay

TE Part # 7-1393788-8

TE Internal #: V23079G1005B301

AXICOM P2 STANDARD

View on TE.com >

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



Contact Voltage Rating: **250 VAC**

Coil Power Rating (DC): **647 mW**

Mounting Type: **Printed Circuit Board**

Terminal Type: **PCB-SMT**

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	1000 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	Monostable
Contact Limiting Breaking Current	2 A
Contact Switching Load (Min)	10mA @ .2V
Contact Voltage Rating	250 VAC
Coil Power Rating (DC)	647 mW
Coil Voltage Rating	220 VAC
Contact Switching Voltage (Max)	220 VDC
Coil Magnetic System	Monostable, DC, Polarized

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-SMT
Contact Current Rating	2 A
Contact Arrangement	2 Form C (CO)
Contact Material	Nickel
Contact Number of Poles	2

Termination Features

Termination Type	Surface Mount

Mechanical Attachment

Mounting Type	Printed Circuit Board

Dimensions

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

Operation/Application

Performance Type	Standard

Packaging Features

Packaging Method	Reel

Other

Additional Features	Short Terminals

Product Compliance

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

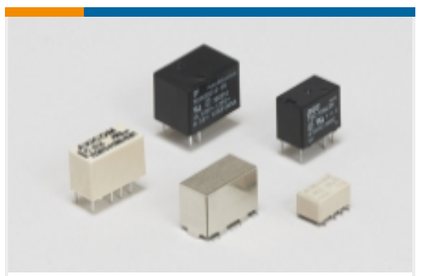
EU RoHS Directive 2011/65/EU	Compliant
EU ELV Directive 2000/53/EC	Compliant
China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JAN 2019 (197) Candidate List Declared Against: JAN 2019 (197)
Halogen Content	BFR/CFR/PVC Free, but Br/Cl >900 ppm in other sources.
Solder Process Capability	Reflow solder capable to 245°C

Product Compliance Disclaimer

This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as 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

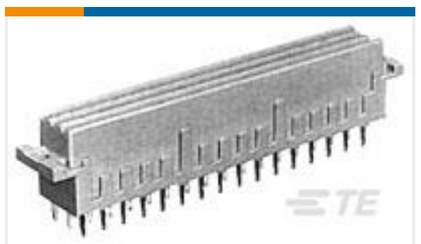
Article Always An Article) stating that, in case of 'complex object', the threshold for a SVHC must be applied to both the product as a whole and simultaneously to each of the articles forming part of its composition. TE has evaluated this ruling based on the new ECHA "Guidance on requirements for substances in articles" (June 2017, version 4.0) and will be updating its statements accordingly.

Also in the Series | Axicom P2 Signal Relay

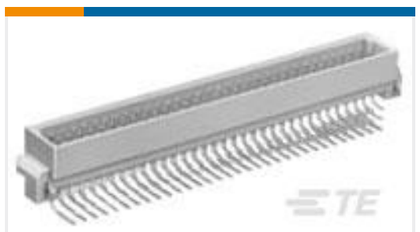


Signal Relays(92)

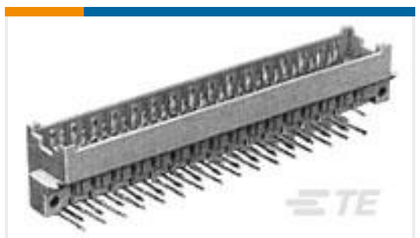
Customers Also Bought



TE Part #100108-4
32P.IEC-F FEM.CONN.



TE Part #1393644-9
V42254B1100C480=PC612 MESSERLE



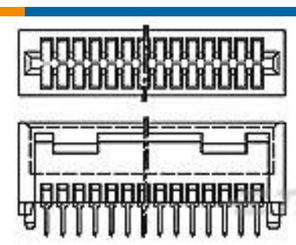
TE Part #2-167495-4
48P.IEC-F MALE CONN



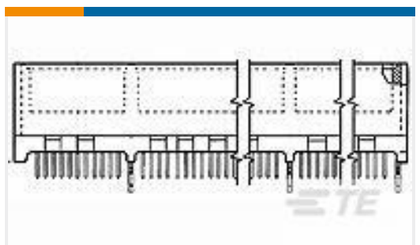
TE Part #2-828296-0
20P MOD 2 STIFT LEI



TE Part #280377-3
2P MODU II SHRD HDR, RT ANG, 0.76AU



TE Part #3-100318-2
DUAL LOADED



TE Part #5145168-8
CONNECTOR ASSEMBLY, DUAL POSIT



TE Part #5338048-6
6P. DIP SWITCH WITH ACTION PIN POSTS



TE Part #5338048-8
8P. DIP SWITCH WITH ACTION PIN POSTS



TE Part #726348-3
SO-RINGZUNGE D46234

Documents

Product Drawings
V23079G1005B301

English

CAD Files

Customer View Model

ENG_CVM_1393788-3_A5.3d_igs.zip

English

Customer View Model

ENG_CVM_1393788-3_A5.3d_stp.zip

English

Customer View Model

ENG_CVM_1393788-3_A5.2d_dxf.zip

English

3D PDF

English

Datasheets & Catalog Pages

Axicom Signal and High Frequency Relays (RF Switches) APPLICATION NOTE #2

English

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

English

Industrial Relays Quick Reference Guide

English

Industrial Relays Quick Reference Guide

Japanese

Industrial Relays Quick Reference Guide

Product Specifications

Product Specification

English

Definitions Relays

English