4-1419172-4 ✔ ACTIVE

Axicom | Axicom W11 Relay V23101

TE Internal #: 4-1419172-4

Reed Relay, DC, Monostable, 1 Form C SPDT-CO, 3 A Contact Rating, 12 VDC Coil Voltage, .45 W Coil Power, Board Mount, Axicom W11 Relay V23101

View on TE.com >

Relays & Contactors > Electromechanical Relays



Relay & Contactor Type: **Reed Relay**

Coil Magnetic System: **Monostable**

Contact Arrangement: **1 Form C SPDT-CO**

Current Type: **DC**

Contact Current Rating: **3 A**

Features

Product Type Features

Relay & Contactor Type	Reed Relay

Configuration Features

Relay Options	Power Switching
Contact Number of Poles	1
Contact Arrangement	1 Form C SPDT-CO

Electrical Characteristics

Contact Limiting Short-Time Current	3 A
Contact Limiting Making Current	3 A
Contact Limiting Continuous Current	3 A
Contact Limiting Breaking Current	3 A
Insulation Initial Dielectric Between Open Contacts	750 Vrms
Contact Switching Voltage (Max)	125 VAC
Contact Switching Load (Min)	10mA @ .02V
Coil Resistance	320 Ω
Insulation Initial Resistance	1000 MΩ
Contact Current Rating	3 A
Coil Voltage Rating	12 VDC
Coil Power Rating DC	.45 W

Insulation Initial Dielectric Between Contacts & Coil	1000 Vrms

Body Features

Product Weight	4 g[.141 oz]
Enclosure Type	Flux Resistant Automatic Solder Capable & Washable

Contact Features

Contact Plating Material	Gold
Contact Material	AgNi

Termination Features

Main Termination & Connection Type	Solder Pins
Coil Termination & Connection Type	Solder Pins

Mechanical Attachment

Product Mount Type	Board Mount

Dimensions

Product Width	10 mm[.394 in]
Product Length	15.4 mm[.606 in]
Product Height	11.5 mm[.452 in]

Usage Conditions

Operating Temperature Range	-40 – 85 °C[-40 – 185 °F]
Environmental Category of Protection	RTIII
Environmental Ambient Temperature (Max)	85 °C[185 °F]

Operation/Application

Solder Process	Wave Solder Capable
Coil Magnetic System	Monostable
Current Type	DC

Packaging Features

Packaging Method	Box & Tube, Tube

Other

Coil Power Rating Class	>.6 – ≤1 W
Contact Current Class	>2 – ≤5 A
Height Class (Mechanical)	>11 – ≤14 mm[>.433 – ≤.551 in]
Length Class (Mechanical)	>11 – ≤16 mm[>.433 – ≤.63 in]

Width Class (Mechanical)	>7 – ≤11 mm[>.276 – ≤.433 in]

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: JUNE 2025 (250) Candidate List Declared Against: JUNE 2025 (250) Does not contain REACH SVHC
Halogen Content	Low Halogen - Br, Cl, F < 900 ppm per homogenous material. Also BFR/CFR/PVC Free
Solder Process Capability	Wave solder capable to 265°C

Product Compliance Disclaimer

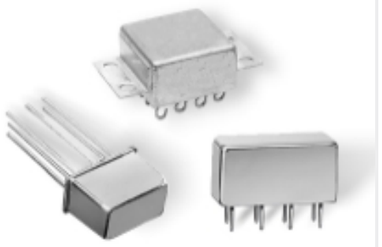
This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight 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 Regulation, the information TE provides on SVHC in articles for this part number is based on the latest European Chemicals Agency (ECHA) 'Guidance on requirements for substances in articles' posted at this URL: https://echa.europa.eu/guidance-documents/guidance-on-reach

Compatible Parts

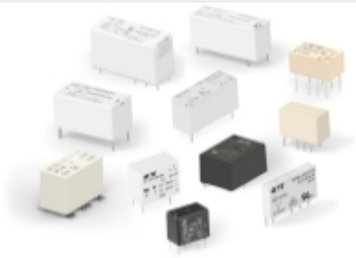


TE Part # 1422037-2
V23101D 106A301

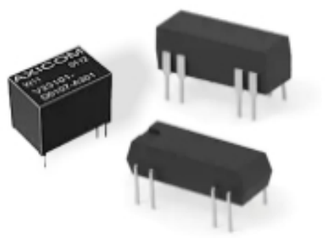
Also in the Series | Axicom W11 Relay V23101



DC Relays(25)



PCB Relays(25)



Reed Relays(25)

Customers Also Bought



TE Part #62429-1
MAG-MATE TERM 27-30 013TPBR



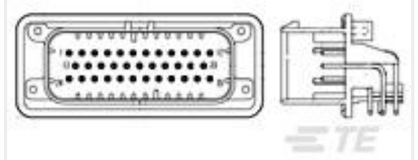
TE Part #63591-1
MAG-MATE TERM #20 016TPBR



TE Part #100616-2
8/8 MOD.JACK ASSY TE SHIELDED



TE Part #3-644615-2
02P MTA156 POL HDR ASSY LF



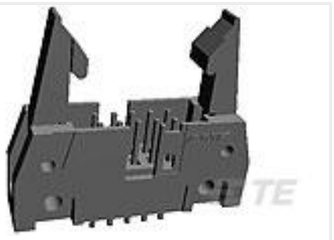
TE Part #776163-1
35POS,PIN DIA 1.3,HDR ASSY,90DEG, COD 1



TE Part #CAT-R7602-T273
ROUND CONNECTOR SYSTEM, PIN AND SOCKET



TE Part #1825027-5
FSMRA2JH04=R/A,TACT PB SW,160G



TE Part #5102321-3
A/L UNIV HDR 16P VERT LAT



TE Part #1-5353190-0
.6FHR04H,140,S,GIG,08/Sn,TR,NSYes

Documents

CAD Files

Customer View Model
ENG_CVM_CVM_4-1419172-4_B1.3d_igs.zip
English

Customer View Model
ENG_CVM_CVM_4-1419172-4_B1.3d_stp.zip
English

Customer View Model
ENG_CVM_CVM_4-1419172-4_B1.2d_dxf.zip

English

3D PDF

3D

By downloading the CAD file I accept and agree to the **Terms and Conditions** of use.

Product Specifications

Definitions General Purpose Relays

English

Product Specification

English