V23100V4015A ✔ ACTIVE

Axicom | Axicom Reed Relay V23100 -V4

TE Internal #: 1-1393763-0

Reed Relay, Contact Arrangement 1 Form A (NO), Monostable, 1A Contact Current Rating, Standard, Printed Circuit Board, Axicom Reed Relay V23100 -V4

View on TE.com >

Relays & Contactors > Relays > Signal Relays



Relay Type: **Reed Relay**

Contact Arrangement: **1 Form A (NO)**

Coil Magnetic System: **Monostable**

Contact Current Rating: **1 A**

Performance Type: **Standard**

Features

Product Type Features

Relay Type	Reed Relay

Configuration Features

Contact Special Features	Reed Contacts
Contact Arrangement	1 Form A (NO)
Number of Poles	1

Electrical Characteristics

Insulation Initial Dielectric Between Open Contacts	250 Vrms
Contact Limiting Making Current	.4 A
Contact Limiting Short-Time Current	.4 A
Contact Limiting Continuous Current	1 A
Insulation Initial Dielectric Between Contacts & Coil	1500 Vrms
Input Voltage	100 VAC
Contact Limiting Breaking Current	.4 A
Contact Switching Load (Min)	10mA @ .01V

Coil Resistance	2000 Ω
Contact Current Rating	1 A
Contact Voltage Rating	24 VDC
Coil Power Rating DC	112 mW
Coil Voltage Rating	15 VDC
Contact Switching Voltage (Max)	200 VAC

Body Features

Product Weight	1.4 g[.0494 oz]

Contact Features

Contact Plating Material	Ruthenium
Contact Material	Ruthenium

Termination Features

Relay Connection Type	PCB Termination
Terminal Configuration	PCB Pins

Mechanical Attachment

Product Mount Type	Printed Circuit Board

Dimensions

Product Width	6.4 mm[.251 in]
Product Length	19.3 mm[.759 in]
Product Height	5.1 mm[.2 in]

Usage Conditions

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

Operation/Application

Actuating System	DC
Solder Process	Wave Solder
Coil Magnetic System	Monostable
Performance Type	Standard

Packaging Features

Packaging Method	Box & Tube, Tube

Other

Length Class (Mechanical)	16 – 20 mm
Environmental Ambient Temperature Class	70 – 85 °C
Height Class (Mechanical)	0 – 6 mm
Coil Power Rating Class	100 – 150 mW
Width Class (Mechanical)	6 – 8 mm
Contact Current Class	0 – 2 A

Product Compliance

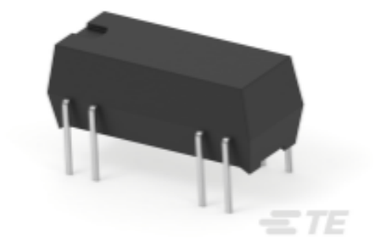
For compliance documentation, visit the product page on TE.com>

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 2024 (241) Candidate List Declared Against: JUNE 2022 (224) Does not contain REACH SVHC
Halogen Content	Low Halogen - Br, Cl, F, I < 900 ppm per homogenous material. Also BFR/CFR/PVC Free
Solder Process Capability	Wave solder capable to 265°C

Product Compliance Disclaimer

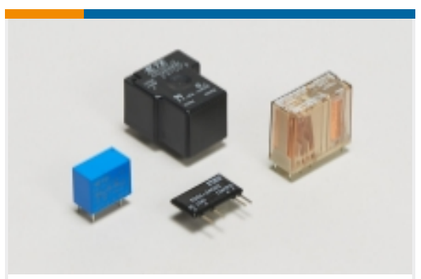
This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight 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

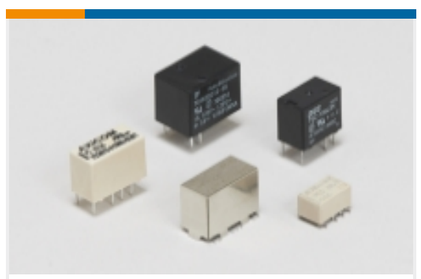


TE Part # 3-1393763-2
V23100V4315B000

Also in the Series | Axicom Reed Relay V23100 -V4



Power Relays(3)



Signal Relays(24)

Customers Also Bought



TE Part #3-1393779-7
V23101D 107A301



TE Part #6-2176093-4
RP 2A 0.25W 46K4 0.1% 25PPM 1K RL



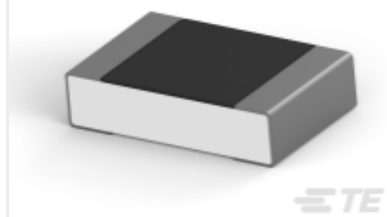
TE Part #1676404-2
RN 0805 665R 0.1% 10PPM 1KRL



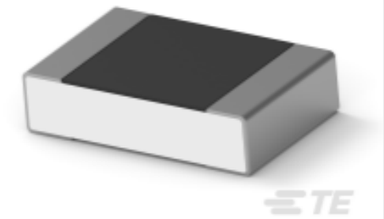
TE Part #1-2176094-1
RP 2A 0.25W 150K 0.1% 25PPM 1K RL



TE Part #3-2176092-3
RP 2A 0.25W 1K5 0.1% 25PPM 1K RL



TE Part #2176382-4
RQ 0805 143K 0.1% 10PPM 5K RL



TE Part #4-2176381-5
RQ 0805 35K7 0.1% 10PPM 5K RL



TE Part #4-1879075-6
THS25 560R 5%

Documents

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_1-1393763-0_B.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_1-1393763-0_B.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_1-1393763-0_B.3d_stp.zip

English

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

Datasheets & Catalog Pages

Reed Relay V23100-V4

English

Product Specifications

Product Specification

English

Definitions General Purpose Relays

English