1-1415899-5 ✔ ACTIVE

SCHRACK | SCHRACK Power PCB Relay RZ

TE Internal #: 1-1415899-5

General Purpose Power Relay, DC, Monostable, 1 Form A SPST-NO, 16 A Contact Rating, 9 VDC Coil Voltage, SCHRACK Power PCB Relay RZ

View on TE.com >

Relays & Contactors > Electromechanical Relays > PCB Power Relay: 12-16 Amp, Monostable

Relay & Contactor Type: **General Purpose Power Relay**

Coil Magnetic System: **Monostable**

Contact Arrangement: **1 Form A SPST-NO**

Current Type: **DC**

Contact Current Rating: **16 A**

All PCB Power Relay: 12-16 Amp, Monostable (75)

Features

Product Type Features

Relay & Contactor Type	General Purpose Power Relay

Operation/Application

Coil Magnetic System	Monostable
Current Type	DC
Solder Process	Wave Solder

Configuration Features

Contact Arrangement	1 Form A SPST-NO
Contact Number of Poles	1
Coil Special Features	UL Coil Insulation Class F

Electrical Characteristics

Contact Current Rating	16 A
Coil Voltage Rating	9 VDC
Contact Voltage Rating	250 VAC
Coil Power Rating DC	.4 W
Insulation Initial Dielectric Between Contacts & Coil	5000 Vrms
Contact Limiting Making Current	30 A
Contact Limiting Continuous Current	16 A

Contact Limiting Breaking Current	16 A
Insulation Initial Dielectric Between Open Contacts	1000 Vrms
Contact Switching Voltage (Max)	400 VAC
Coil Resistance	200 Ω

Termination Features

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

Mechanical Attachment

Product Mount Type	Printed Circuit Board

Body Features

Enclosure Type	Flux Resistant Automatic Soldering
Product Weight	10 g[.353 oz]

Usage Conditions

Environmental Ambient Temperature (Max)	85 °C[185 °F]
Environmental Category of Protection	RTII

Other

Height Class (Mechanical)	15 – 16 mm
Length Class (Mechanical)	25 – 30 mm
Width Class (Mechanical)	12 – 16 mm
EU RoHS Compliance	Compliant
EU ELV Compliance	Compliant
Coil Power Rating Class	.3 – .4 W
Contact Current Class	16 A

Contact Features

Contact Material	AgNi90/10

Dimensions

Insulation Clearance Between Contact & Coil	10 mm[.394 in]
Insulation Creepage Between Contact & Coil	10 mm[.394 in]
Product Width	12.7 mm[.5 in]
Product Length	29 mm[1.14 in]
Product Height	15.7 mm[.618 in]

Packaging Features

Packaging Method	Tube, Carton

Product Compliance

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

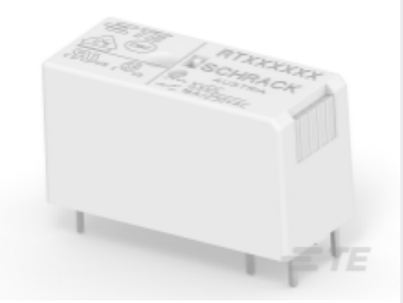
EU RoHS Directive 2011/65/EU	Compliant
EU ELV Directive 2000/53/EC	Compliant
China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2024 (241) Candidate List Declared Against: JUNE 2024 (241) Does not contain REACH SVHC
Halogen Content	Not Low Halogen - contains Br or Cl > 900 ppm.
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 # 2-1415899-1
RZ03-1C4-D009



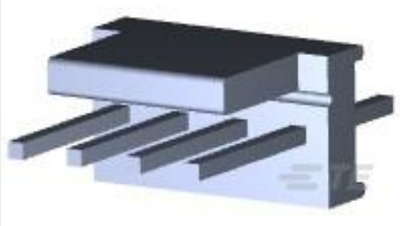
TE Part # 4-1393240-3
RT334009

Also in the Series | SCHRACK Power PCB Relay RZ

Electromechanical Relays(83)

Customers Also Bought

TE Part #5227161-7
RTANG JACK W/MTG PINS, BNC PCB

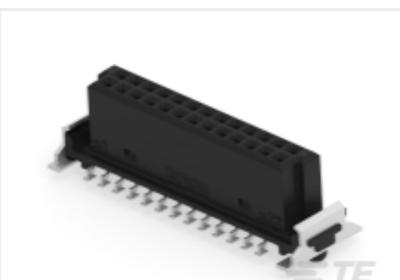


TE Part #640454-4
04P MTA100 HDR ASSY SQ STR POL

TE Part #1-188275-0
MICRO-MATCH SMD FTE

TE Part #2309409-2
DDR4 SODIMM 260P 5.2H STD

TE Part #292303-1
Std USB Type A, R/A, T/H



TE Part #154806-E
SMCB 26 F AB VV 7-13 CL * H007 137 E002

TE Part #2376582-2
250 FASTON PCB TAB TPBR

TE Part #294649-E
SRCP 2,54 8 M 1 SMD 137 E1 094 * GU-H *

TE Part #4-2176362-0
RQ 0402 102R 0.1% 10PPM 5K RL

Documents

CAD Files

Customer View Model
ENG_CVM_CVM_1-1415899-5_D.3d_igs.zip

English

Customer View Model
ENG_CVM_CVM_1-1415899-5_D.3d_stp.zip

English

Customer View Model
ENG_CVM_CVM_1-1415899-5_D.2d_dxf.zip

English

3D PDF

3D

Datasheets & Catalog Pages

Power PCB Relay RZ Datasheet

English

Product Specifications

Definitions General Purpose Relays

English

Agency Approvals

VDE Certificate

English