RT174024 ✔ ACTIVE

SCHRACK | SCHRACK Power PCB Relay RT1

TE Internal #: 3-1393239-9

SCHRACK Power PCB Relay RT1, Power Relays, Standard, Monostable, DC, 200 – 300mW Coil Power Rating Class, 250mW Coil Power Rating DC

View on TE.com >

Relays, Contactors & Switches > Relays > Power Relays

Power Relay Type: **Standard**

Coil Magnetic System: **Monostable, DC**

Coil Power Rating Class: **200 – 300 mW**

Coil Power Rating DC: **250 mW**

Coil Resistance: **2304 Ω**

Features

Product Type Features

Power Relay Type	Standard

Electrical Characteristics

Insulation Initial Dielectric Between Coil & Contact Class	4000 – 5000 V
Insulation Initial Dielectric Between Open Contacts	1000 Vrms
Contact Limiting Making Current	15 A
Insulation Creepage Class	8 mm
Contact Limiting Continuous Current	10 A
Insulation Initial Dielectric Between Contacts & Coil	5000 Vrms
Insulation Creepage Between Contact & Coil	10 mm[.394 in]
Contact Limiting Breaking Current	10 A
Coil Magnetic System	Monostable, DC
Coil Power Rating Class	200 – 300 mW
Coil Power Rating DC	250 mW
Coil Resistance	2304 Ω
Coil Special Features	Sensitive Version, UL Coil Insulation Class F
Coil Voltage Rating	24 VDC
Contact Switching Voltage (Max)	400 VAC
Contact Voltage Rating	250 VAC

Body Features

Insulation Special Features	Tracking Index of Relay Base PTI250
Product Weight	14 g[.494 oz]

Contact Features

Contact Arrangement	1 Form C (CO)
Contact Current Class	5 – 10 A, 10 – 20 A
Contact Current Rating (Max)	10 A
Contact Material	AgNi90/10
Contact Number of Poles	1
Terminal Type	PCB-THT, Plug-In

Mechanical Attachment

Relay Mounting Type	Printed Circuit Board, Socket

Dimensions

Length Class (Mechanical)	25 – 30 mm
Insulation Clearance Class	8 mm
Height Class (Mechanical)	15 – 16 mm
Insulation Clearance Between Contact & Coil	10 mm[.394 in]
Width Class (Mechanical)	12 – 16 mm
Product Width	12.7 mm[.5 in]
Product Length	29 mm[1.142 in]
Product Height	15.7 mm[.618 in]

Usage Conditions

Environmental Ambient Temperature (Max)	85 °C[185 °F]

Packaging Features

Packaging Method	Carton, Tube

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 2021 (211)

	Candidate List Declared Against: JAN 2021 (211) 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

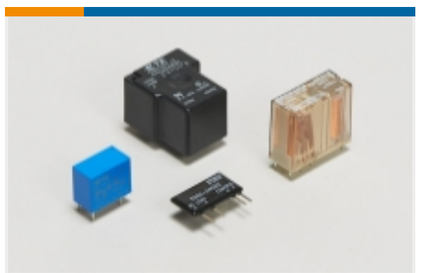
Product Compliance Disclaimer

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 # 5-1415543-9
RT174024WG

Also in the Series | SCHRACK Power PCB Relay RT1

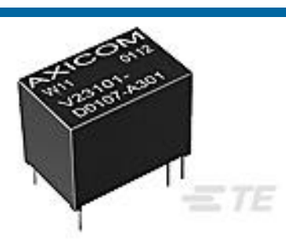


Power Relays(220)

Customers Also Bought

TE Part #1623788-7
Wirewound Resistor: Vertical Mount

TE Part #1-1393763-0
V23100V4015A000



TE Part #1-1393779-8
V23101D 7A201

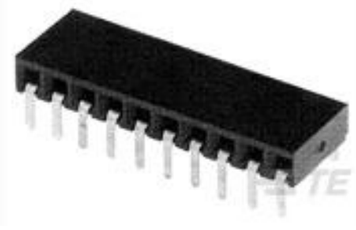
TE Part #1623819-9
SBL4 R022 5%

TE Part #1-1734795-1
RJ45,8P8C,SHD,W/ LED,DIP 6u"

TE Part #9-1879517-6
CRGH1206 1% 68R 0.5W

TE Part #1-1393779-6
V23101D 6B201

TE Part #1734595-8
AMP HPI 1.0MM HEADERS



TE Part #1-216602-0
10P HV190 FEDERLEIS

Documents

CAD Files

3D PDF

3D

Customer View Model
ENG_CVM_CVM_3-1393239-9_C.2d_dxf.zip

English

Customer View Model
ENG_CVM_CVM_3-1393239-9_C.3d_igs.zip

English

Customer View Model
ENG_CVM_CVM_3-1393239-9_C.3d_stp.zip

English

Datasheets & Catalog Pages

Power PCB Relay RT1 sensitive

English

Industrial Relays Quick Reference Guide

English

Industrial Relays Quick Reference Guide

Japanese

Industrial Relays Quick Reference Guide

Product Specifications

Definitions, Handling, Processing, Testing and Use of Relays

English

Agency Approvals

VDE Certificate

English