5-1415393-1 ✔ ACTIVE

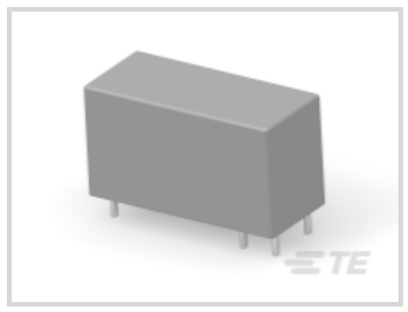
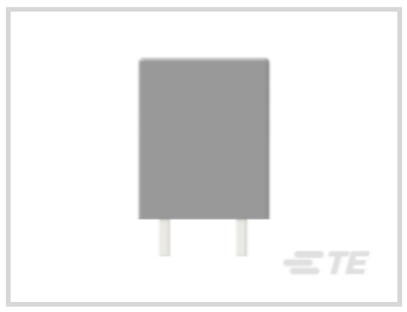
SCHRACK | SCHRACK Power PCB Relay RT1

TE Internal #: 5-1415393-1

Power Relays, Standard, Monostable, DC, 400 mW Coil Power Rating DC, 360 Ω Coil Resistance, UL Coil Insulation Class F, SCHRACK Power PCB Relay RT1

View on TE.com >

Relays & Contactors > Relays > Power Relays


Relay Type: **Standard**

Coil Magnetic System: **Monostable, DC**

Coil Power Rating DC: **400 mW**

Coil Resistance: **360 Ω**

Coil Special Features: **UL Coil Insulation Class F**

Features

Product Type Features

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	30 A
Contact Limiting Continuous Current	16 A
Insulation Creepage Class	8 mm
Coil Power Rating Class	300 – 400 mW
Insulation Initial Dielectric Between Contacts & Coil	5000 Vrms
Insulation Creepage Between Contact & Coil	10 mm[.394 in]
Contact Limiting Breaking Current	16 A
Coil Magnetic System	Monostable, DC
Coil Power Rating DC	400 mW
Coil Resistance	360 Ω

Coil Special Features	UL Coil Insulation Class F
Coil Voltage Rating	12 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 A (NO)
Contact Current Class	16 A
Contact Current Rating	16 A
Contact Material	AgSnO2
Contact Number of Poles	1

Termination Features

Relay Connection Type	PCB Termination
Terminal Configuration	Solder Pins

Mechanical Attachment

Product Mount Type	Printed Circuit Board

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[1.14 in]
Product Height	15.7 mm[.618 in]

Usage Conditions

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

Packaging Features

Packaging Method	Carton, Tube

Other

Solder Process	Wave Solder

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 2024 (240) Candidate List Declared Against: JAN 2024 (240) Does not contain REACH SVHC
Halogen Content	Not Low Halogen - contains Br or Cl > 900 ppm.
Solder Process Capability	Wave solder capable to 260°C

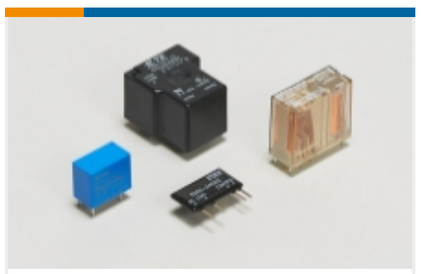
Product Compliance Disclaimer

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 # 5-1393238-6
RTD1L012

Also in the Series | SCHRACK Power PCB Relay RT1



Power Relays(190)

Customers Also Bought

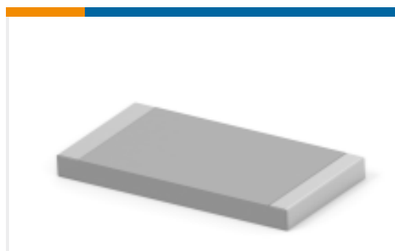
TE Part #292304-2
STD USB TYPE B, R/A, T/H

TE Part #640714-1
03P UMNL STR/REL

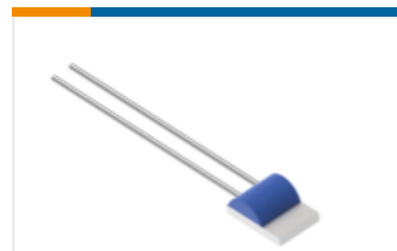
TE Part #1-406541-1
MJ,INV,1X1,6PNL G,.100"ST,SN

TE Part #181953-1
250 FASTON,TAB,BR

TE Part #1-1337445-0
BNC Str PCB Skt 50Ohm Silver P



TE Part #5-2176331-9
CRGP 2512 680K 1%



TE Part #NB-PTCO-046
Pt1000, 2.0x2.3, Class C, PTFC102C1G0

TE Part #643030-4
05P UMNL STR/REL

TE Part #NB20314001
VERSAFIT-3/16-0-SP-SM

Documents

CAD Files

Customer View Model
ENG_CVM_CVM_5-1415393-1_F.3d_igs.zip
English

Customer View Model
ENG_CVM_CVM_5-1415393-1_F.3d_stp.zip
English

Customer View Model
ENG_CVM_CVM_5-1415393-1_F.2d_dxf.zip

English

3D PDF

3D

Datasheets & Catalog Pages

Power PCB Relay RT1 Inrush

English

Product Specifications

Definitions General Purpose Relays

English

Agency Approvals

UL

English