7-1415072-1 ✔ ACTIVE

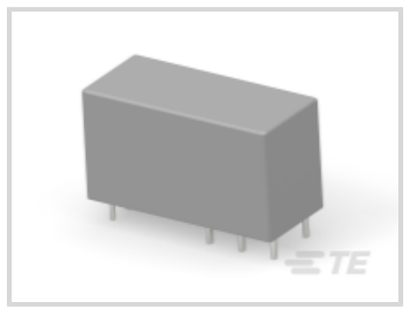
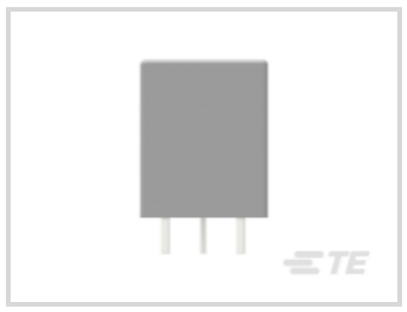
SCHRACK | SCHRACK Power PCB Relay RT2

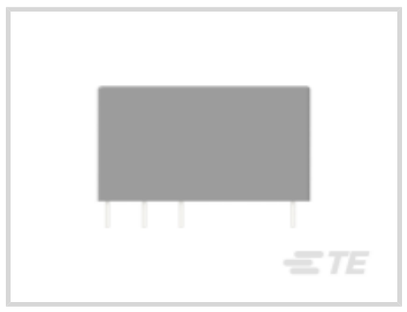
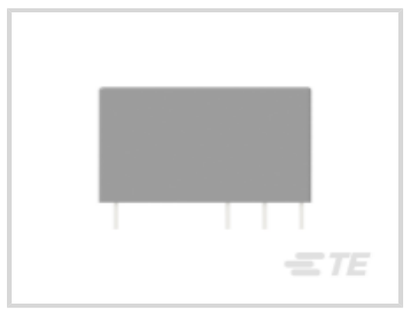
TE Internal #: 7-1415072-1

General Purpose Power Relay, Bistable, 2 Coils, Polarized, .6 W Coil, 360 ohm Coil Resistance, SCHRACK Power PCB Relay RT2, Power Relays

View on TE.com >

Relays & Contactors > Relays > Power Relays

Relay Type: **General Purpose Power Relay**

Coil Magnetic System: **Bistable, 2 Coils, Polarized**

Coil Power Rating DC: **.6 W**

Coil Resistance: **360 Ω**

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

Features

Product Type Features

Relay Type	General Purpose Power Relay

Configuration Features

Coil Special Features	UL Coil Insulation Class F
Contact Arrangement	2 Form C DPDT-CO
Contact Number of Poles	2

Electrical Characteristics

Insulation Initial Dielectric Between Open Contacts	1000 Vrms
Contact Limiting Making Current	15 A
Contact Limiting Short-Time Current	8 A
Contact Limiting Continuous Current	8 A
Insulation Initial Dielectric Between Adjacent Contacts	2500 Vrms
Insulation Initial Dielectric Between Contacts & Coil	5000 Vrms
Contact Limiting Breaking Current	8 A
Coil Power Rating DC	.6 W

Coil Resistance	360 Ω
Coil Voltage Rating	12 VDC
Contact Current Rating	8 A
Contact Switching Voltage (Max)	400 VAC
Contact Voltage Rating	250 VAC

Body Features

Product Weight	13 g[.459 oz]

Contact Features

Contact Material	AgNi90/10

Termination Features

Relay Connection Type	PCB Termination
Terminal Configuration	Solder Pins

Mechanical Attachment

Product Mount Type	Printed Circuit Board

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]

Usage Conditions

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

Operation/Application

Solder Process	Wave Solder
Coil Magnetic System	Bistable, 2 Coils, Polarized

Packaging Features

Packaging Method	Tube

Other

Length Class (Mechanical)	25 – 30 mm
Environmental Ambient Temperature Class	70 – 85 °C

Height Class (Mechanical)	15 – 16 mm
Coil Power Rating Class	.5 – .6 W
Width Class (Mechanical)	12 – 16 mm
Contact Current Class	16 A

Product Compliance

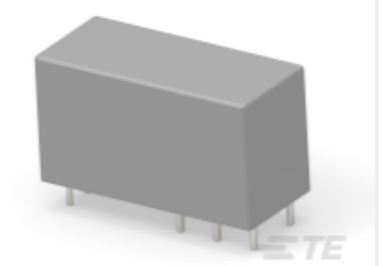
For compliance documentation, visit the product page on TE.com>

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 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 260°C

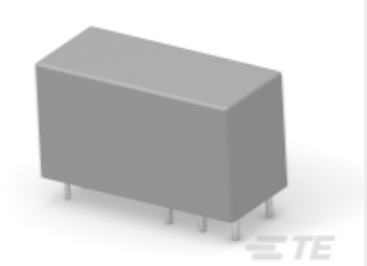
Product Compliance Disclaimer

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

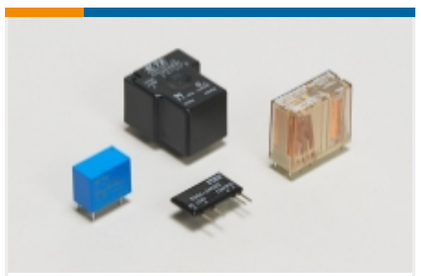


TE Part # 5-1393243-4
RT424F12



TE Part # 1-1415020-1
RTE24F06

Also in the Series | SCHRACK Power PCB Relay RT2

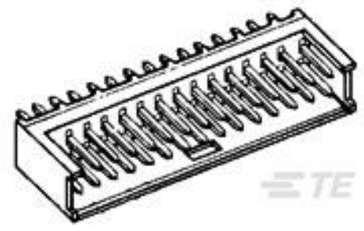


Power Relays(106)

Customers Also Bought



TE Part #8-215464-0
10P.MICRO-MATCH MOB



TE Part #280509-2
2X09 POS .100DR MODU-



TE Part #530153-2
TDM SPRING SHUNT ASSY 2 POS



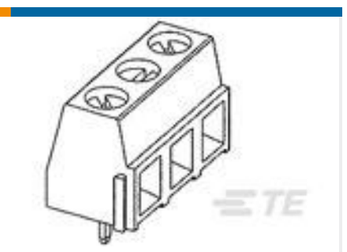
TE Part #2007263-1
SFP+ 1x2 Cage Assembly



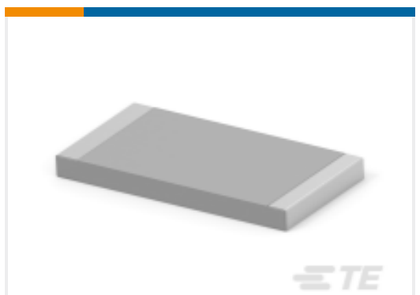
TE Part #5558343-1
MJ,8POS,R/A,CAT 5e,PNL STOP



TE Part #3-282837-2
TERMI-BLOK,PCB,13P,INKSTAMP



TE Part #3-282837-3
TERMI-BLOK,PCB,9P,INKSTAMP



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



TE Part #2-1445100-5
MICRO MNL HDR ASSY S/ROW LF

Documents

CAD Files

Customer View Model

ENG_CVM_CVM_7-1415072-1_D.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_7-1415072-1_D.3d_stp.zip

English

Customer View Model

ENG_CVM_CVM_7-1415072-1_D.2d_dxf.zip

English

3D PDF

3D

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

Datasheets & Catalog Pages

Power PCB Relay RT2 bistable

English

Product Specifications

Definitions General Purpose Relays

English

Agency Approvals

VDE Certificate

English

Unikeyic Electronics

Global Electronic Components Distributor

Click to view pricing, inventory, delivery, and lifecycle information:

TE Connectivity:

917696-1 CPF0402B37K4E1 CRGCQ2010J3K3 SMW73R0JT 175977-2 1-962915-1 2834055-1 3-1393225-0 MPT100C18RF 2310537-1 1969656-1 3430B2F51RTDF 650075-000 936348-1 RH73H2A40MKTN SBCHE154R7K 1-794222-0 1393431-1 2005330-1 2377783-2 2380312-2 ROX05SJ18R SBCHE64R7K 1743455-2 2-292161-3 TE50BR39J U5254-000005-030PA 141991-2 1903112-2 3631B101LL