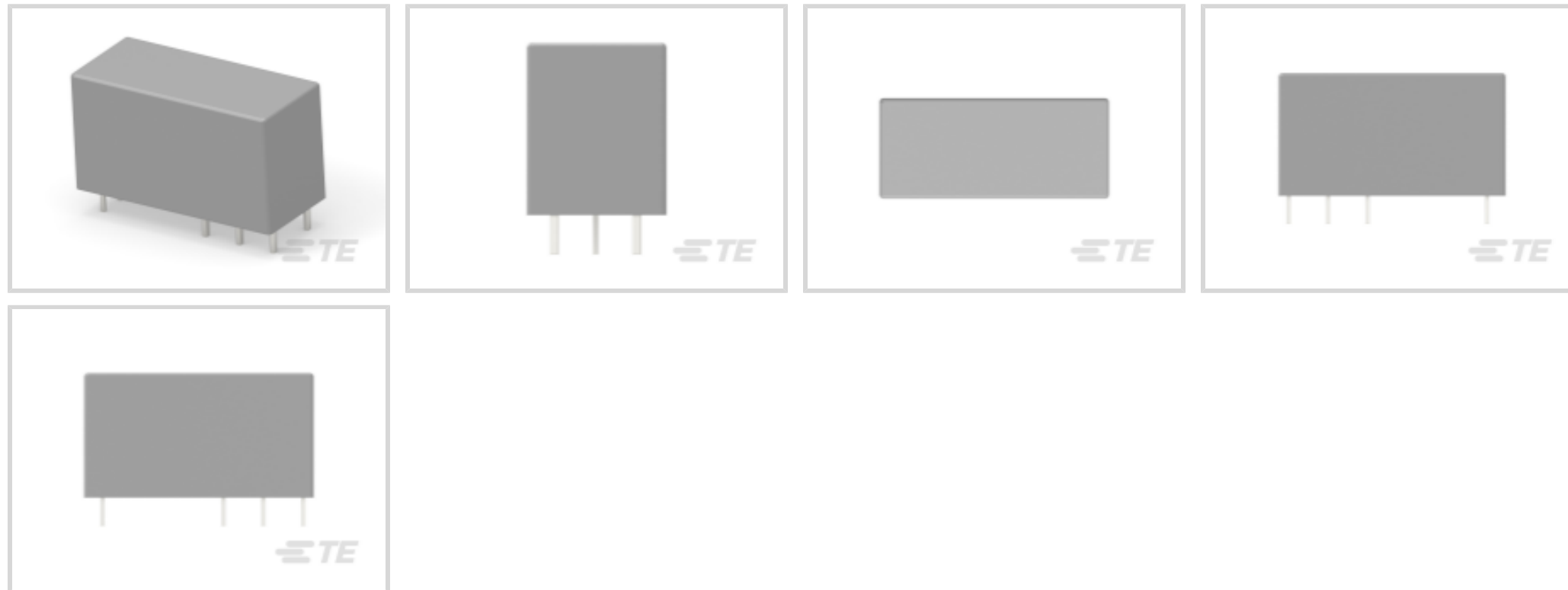




Relays, Contactors & Switches > Relays > Power Relays



Power Relay Type: **Standard**

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

Coil Power Rating Class: **500 – 600 mW**

Coil Power Rating DC: **595 mW**

Coil Resistance: **42 Ω**

## Features

### Product Type Features

Power Relay Type	Standard
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### 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
Contact Limiting Continuous Current	8 A
Insulation Creepage Class	8 mm
Insulation Initial Dielectric Between Adjacent Contacts	2500 Vrms
Insulation Initial Dielectric Between Contacts & Coil	5000 Vrms
Insulation Creepage Between Contact & Coil	10 mm [.394 in]
Contact Limiting Breaking Current	8 A
Coil Magnetic System	Bistable, 2 Coils
Coil Power Rating Class	500 – 600 mW
Coil Power Rating DC	595 mW
Coil Resistance	42 Ω

Coil Special Features	Magnetic Latching, UL Coil Insulation Class F
Coil Voltage Rating	5 VDC
Contact Switching Voltage (Max)	400 VAC
Contact Voltage Rating	250 VAC
<b>Body Features</b>	
Insulation Special Features	Tracking Index of Relay Base PTI250
Product Weight	13 g[.459 oz]
<b>Contact Features</b>	
Contact Arrangement	2 Form C (CO)
Contact Current Class	5 – 10 A, 16 A
Contact Current Rating (Max)	8 A
Contact Material	AgNi90/10
Contact Number of Poles	2
Relay Terminal Type	PCB-THT, Plug-In
<b>Mechanical Attachment</b>	
Relay Mounting Type	Printed Circuit Board, Socket
<b>Dimensions</b>	
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]
<b>Usage Conditions</b>	
Environmental Ambient Temperature (Max)	85 °C[185 °F]
<b>Packaging Features</b>	
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 2023 (233) Candidate List Declared Against: JAN 2023 (233) 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

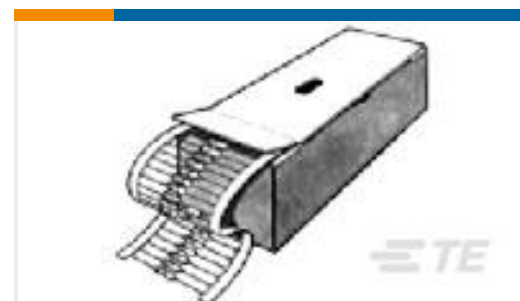


Also in the Series | [SCHRACK Power PCB Relay RT2](#)



Power Relays(113)

## Customers Also Bought

TE Part #5-2176070-2  
3521 1K3 1% 2WTE Part #7-2176231-6  
3522 13K 1% 3WTE Part #3-1623732-5  
BCHE 7 W 3K9 5%TE Part #2118706-2  
1 PC STD SHIELD, CRS-13.66X12.70X2.54MMTE Part #3-1419136-9  
RT31LA06TE Part #2176081-5  
EP 1W (S) 47R 5%TE Part #1-1986692-5  
STR PLUG SPRING TYPE RH 15P, 3.50 mm

## Documents

### CAD Files

#### Customer View Model

[ENG\\_CVM\\_CVM\\_5-1393243-2\\_C.3d\\_igs.zip](#)

English

#### Customer View Model

[ENG\\_CVM\\_CVM\\_5-1393243-2\\_C.3d\\_stp.zip](#)

English

#### Customer View Model

[ENG\\_CVM\\_CVM\\_5-1393243-2\\_C.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



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**Product Specifications**

Definitions General Purpose Relays

English

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**Agency Approvals**

VDE Certificate

English