1-1393845-0 ✔ ACTIVE

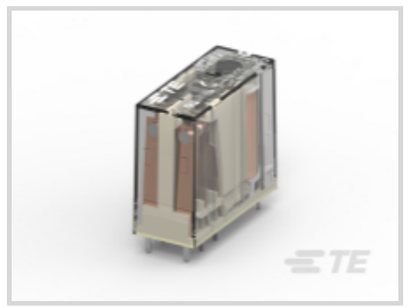
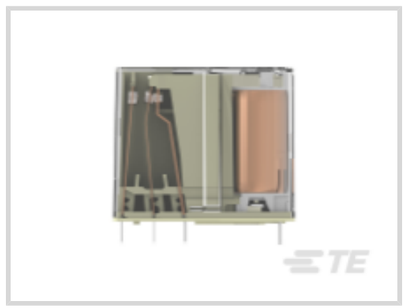
SCHRACK

TE Internal #: 1-1393845-0

Power Relays, Standard, Bistable, 2 Coils, 1250 mW Coil Power Rating DC, 105 Ω Coil Resistance, Magnetic Latching, 12 VDC Coil Voltage

View on TE.com >

Relays, Contactors & Switches > Relays > Power Relays


Power Relay Type: **Standard**

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

Coil Power Rating Class: **1000 – 1500 mW**

Coil Power Rating DC: **1250 mW**

Coil Resistance: **105 Ω**

Features

Product Type Features

Power Relay Type	Standard

Configuration Features

Output Switching	Random

Electrical Characteristics

Insulation Initial Dielectric Between Coil & Contact Class	4000 V
Insulation Initial Dielectric Between Contacts & Coil	4000 Vrms
Actuating System	DC
Insulation Initial Dielectric Between Open Contacts	1000 Vrms
Contact Limiting Making Current	8 A
Insulation Creepage Between Contact & Coil	8 mm
Contact Limiting Short-Time Current	10 A
Coil Power Rating	1.25 W
Contact Limiting Continuous Current	8 A
Insulation Creepage Class	8 mm

Insulation Initial Dielectric Between Adjacent Contacts	2500 Vrms
Contact Limiting Breaking Current	8 A
Coil Current	.114 A
Coil Magnetic System	Bistable, 2 Coils
Coil Power Rating Class	1000 – 1500 mW
Coil Power Rating DC	1250 mW
Coil Resistance	105 Ω
Coil Special Features	Magnetic Latching
Coil Voltage Rating	12 VDC
Contact Switching Load (Min)	100mA @ 12V
Contact Switching Voltage (Max)	300 VDC
Contact Voltage Rating	30 VDC

Contact Features

Switch Arrangement	(2) x 1 Form C
Contact Plating Material	Silver-Nickel Gold Covered
Contact Arrangement	2 Form C (2 CO)
Contact Current Class	5 – 10 A
Contact Current Rating (Max)	8 A
Contact Material	Ag, Gold Flashed
Contact Number of Poles	2
Relay Terminal Type	PCB-THT

Termination Features

Relay Termination Type	Printed Circuit Terminals

Mechanical Attachment

Relay Mounting Type	Printed Circuit Board

Dimensions

Base Dimensions	29x12.6 mm
Dimensions (L x W x H) (Approximate)	29 x 12.6 x 25.5 mm

Packaging Features

Packaging Method	Box & 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: JUNE 2022 (224) Candidate List Declared Against: JUNE 2022 (224) 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 # 1393845-4
RP821012

Documents

CAD Files

3D PDF

3D

Customer View Model
ENG_CVM_CVM_1-1393845-0_A.2d_dxf.zip

English

Customer View Model
ENG_CVM_CVM_1-1393845-0_A.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_1-1393845-0_A.3d_stp.zip

English

Datasheets & Catalog Pages

Power PCB Relay RPII/2

English

Product Specifications

Definitions, Handling, Processing, Testing and Use of Relays

English

Agency Approvals

VDE Certificate

English