# 1-1393845-0 ✔ ACTIVE

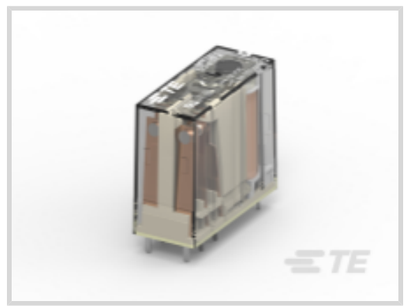
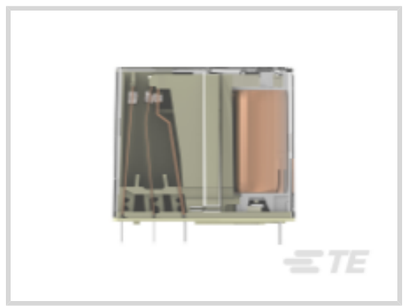
SCHRACK

TE Internal #: 1-1393845-0

Power Relays, Standard, Bistable, 2 Coils, 1000 – 1500mW Coil Power Rating Class, 1250mW Coil Power Rating DC, 105Ω Coil Resistance, Magnetic Latching

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

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|---|---|
| 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

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|---|---|
| Relay Termination Type | Printed Circuit Terminals |

### Mechanical Attachment

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|---|---|
| Relay Mounting Type | Printed Circuit Board |

### Dimensions

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

### Packaging Features

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|---|---|
| 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: JUL 2021 (219)<br>Candidate List Declared Against: JAN 2017 (173)<br>SVHC > Threshold:<br>Not Yet Reviewed |
| Halogen Content | Not Low Halogen - contains Br or Cl > 900 ppm. |
| Solder Process Capability | Wave solder capable to 260°C |

Product Compliance Disclaimer

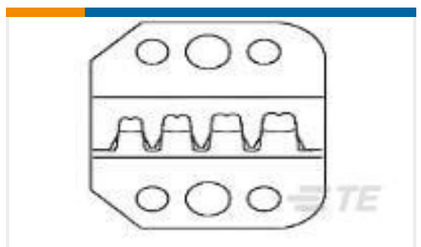
This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight 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 Regulations, TE's information on SVHC in articles for this part number is still based on the European Chemical Agency (ECHA) 'Guidance on requirements for substances in articles'(Version: 2, April 2011), applying the 0.1% weight on weight concentration threshold at the finished product level. TE is aware of the European Court of Justice ruling of September 10th, 2015 also known as O5A (Once An Article Always An Article) stating that, in case of 'complex object', the threshold for a SVHC must be applied to both the product as a whole and simultaneously to each of the articles forming part of its composition. TE has evaluated this ruling based on the new ECHA "Guidance on requirements for substances in articles" (June 2017, version 4.0) and will be updating its statements accordingly.

## Compatible Parts

TE Part # 1393845-4
RP821012

## Customers Also Bought

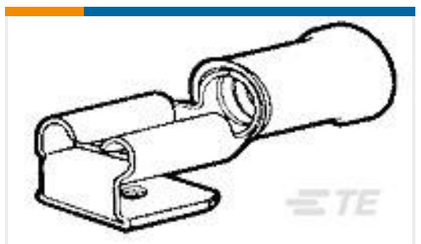
TE Part #324075
TERMINAL,PIDG R 26-22 10



TE Part #90548-2
PROCRIMPER DIE ASSY UNIV MNL

TE Part #925819-3
MINI AMP-IN 26-22 AWG

TE Part #5677922006
RNF-3000-6/2-X-STK



TE Part #9-160463-2
FASTON, PGYBCK, PIDG, BRASS, .250, 16-14

TE Part #1-826656-3
13P AMPMODU II STIFT LEI

TE Part #60940-2
058 PIN REC 24-20 SN/BECU

TE Part #826656-1
1P MOD2 STIFT LEI

TE Part #1-1393845-4
RP82A024

TE Part #826543-5
5P MOD1 UNSHROUDED HEADER, ST, 0.8 Au

## 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

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Authorized Distributor

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TE Connectivity:

1-1393845-0