# 6-1415358-1 ✔ ACTIVE

SCHRACK | SCHRACK Miniature Power PCB Relay PB

TE Internal #: 6-1415358-1

Power Relays, Standard, Monostable, 360 mW Coil Power Rating DC, 225 Ω Coil Resistance, 9 VDC Coil Voltage, SCHRACK Miniature Power PCB Relay PB

View on TE.com >

Relays & Contactors > Relays > Power Relays



Relay Type: **Standard**

Coil Magnetic System: **Monostable**

Coil Power Rating DC: **360 mW**

Coil Resistance: **225 Ω**

Coil Voltage Rating: **9 VDC**

## Features

### Product Type Features

| | |
|---|---|
| Relay Type | Standard |

### Configuration Features

| | |
|---|---|
| Insulation Special Features | Tracking Index of Relay Base PTI250 |
| Contact Arrangement | 1 Form A (NO) |
| Contact Number of Poles | 1 |

### Electrical Characteristics

| | |
|---|---|
| Insulation Initial Dielectric Between Open Contacts | 1000 Vrms |
| Contact Limiting Making Current | 15 A |
| Contact Limiting Short-Time Current | 10 A |
| Contact Limiting Continuous Current | 10 A |
| Insulation Initial Dielectric Between Contacts & Coil | 2500 Vrms |
| Contact Limiting Breaking Current | 10 A |
| Coil Power Rating DC | 360 mW |
| Coil Resistance | 225 Ω |

| | |
|---|---|
| Coil Voltage Rating | 9 VDC |
| Contact Current Rating | 10 A |
| Contact Switching Voltage (Max) | 400 VAC |
| Contact Voltage Rating | 250 VAC |

## Body Features

| | |
|---|---|
| Product Weight | 5.4 g[.19 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 | 4 mm[.157 in] |
| Insulation Creepage Between Contact & Coil | 5 mm[.197 in] |
| Product Width | 15 mm[.59 in] |
| Product Length | 15 mm[.59 in] |
| Product Height | 20 mm[.787 in] |

## Usage Conditions

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

## Operation/Application

| | |
|---|---|
| Actuating System | DC |
| Solder Process | Wave Solder |
| Coil Magnetic System | Monostable |

## Packaging Features

| | |
|---|---|
| Packaging Method | Box & Tube, Tube |

## Other

| | |
|---|---|
| Length Class (Mechanical) | 14 - 16 mm |
| Insulation Initial Dielectric Between Coil & Contact Class | 1500 - 2500 V |
| Environmental Ambient Temperature Class | 70 - 85 °C |

| | |
|---|---|
| Insulation Creepage Class | 3 - 5.5 mm |
| Insulation Clearance Class | 2.5 - 4 mm |
| Height Class (Mechanical) | 16 - 20 mm |
| Coil Power Rating Class | 300 - 400 mW |
| 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: JAN 2024 (240)<br>Candidate List Declared Against: JAN 2024 (240)<br>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

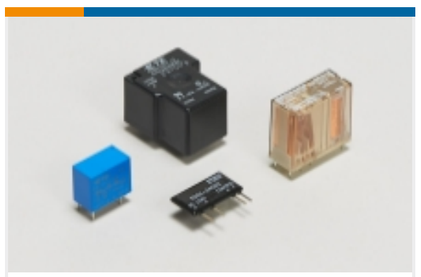


TE Part # 2-1415030-1
PB134012



TE Part # 1-1415030-1
PB134006

## Also in the Series | SCHRACK Miniature Power PCB Relay PB



Power Relays(38)

## Customers Also Bought



TE Part # 5177984-2
0.8FH,P05H.5,060,08/Sn,TU



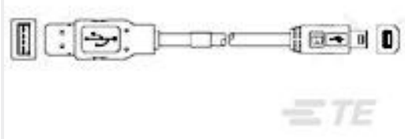
TE Part # 5039304024
DR-25-1/2-0-SP



TE Part # 787082-9
100 50SR R/A RCPT,RESESIGN



TE Part # 1860306-1
RT78725



TE Part # 1487594-1
USB, A-B, 28/28, BLACK, 0.5M



TE Part # 8-1393243-5
RT425024



TE Part # 3-1393239-9
RT174024



TE Part # 726347-1
SO-RINGZUNGE D46234

## Documents

### CAD Files

Customer View Model
ENG_CVM_CVM_6-1415358-1_B1.3d_igs.zip
English

Customer View Model
ENG_CVM_CVM_6-1415358-1_B1.3d_stp.zip
English

## Customer View Model

ENG_CVM_CVM_6-1415358-1_B1.2d_dxf.zip

English

3D PDF

3D

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

## Datasheets & Catalog Pages

Definitions General Purpose Relays

English

Miniature Power PCB Relay PB

English

## Product Specifications

Definitions General Purpose Relays

English

## Agency Approvals

VDE Certificate

English