

2-1419135-1 ✓ ACTIVE

SCHRACK | SCHRACK Miniature PCB Relay PE bistable

TE Internal #: 2-1419135-1

SCHRACK Miniature PCB Relay PE bistable, Power Relays,  
Standard, Monostable, DC, 200 – 300mW Coil Power Rating Class,  
210mW Coil Power Rating DC

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Relays, Contactors & Switches > Relays > Power Relays



Power Relay Type: **Standard**

Coil Magnetic System: **Monostable, DC**

Coil Power Rating Class: **200 – 300 mW**

Coil Power Rating DC: **210 mW**

Coil Resistance: **1070 Ω**

## Features

### Product Type Features

Power Relay Type	Standard
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### Electrical Characteristics

Insulation Initial Dielectric Between Coil & Contact Class	3500 – 4000 V
Insulation Initial Dielectric Between Open Contacts	1000 Vrms
Contact Limiting Making Current	5 A
Contact Limiting Short-Time Current	5 A
Contact Limiting Continuous Current	5 A
Insulation Creepage Class	3 – 5.5 mm
Insulation Initial Dielectric Between Contacts & Coil	4000 Vrms
Insulation Initial Resistance	10000000 MΩ
Insulation Creepage Between Contact & Coil	4 mm[.157 in]
Contact Limiting Breaking Current	5 A
Coil Magnetic System	Monostable, DC
Coil Power Rating Class	200 – 300 mW
Coil Power Rating DC	210 mW
Coil Resistance	1070 Ω
Coil Voltage Rating	15 VDC
Contact Switching Voltage (Max)	400 VAC



Contact Voltage Rating	250 VAC
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### Body Features

Insulation Special Features	Tracking Index of Relay Base PTI250
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Product Weight	5 g[.1764 oz]
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### Contact Features

Contact Arrangement	1 Form C (CO)
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Contact Current Class	5 – 10 A, 16 A
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Contact Current Rating (Max)	5 A
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Contact Material	AgNi90/10
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Contact Number of Poles	1
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Terminal Type	PCB-THT
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### Mechanical Attachment

Relay Mounting Type	Printed Circuit Board
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### Dimensions

Length Class (Mechanical)	16 – 20 mm
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Insulation Clearance Class	2.5 – 4 mm
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Height Class (Mechanical)	9 – 10 mm
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Insulation Clearance Between Contact & Coil	3.2 mm[.126 in]
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Width Class (Mechanical)	8 – 10 mm
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Product Width	10 mm[.394 in]
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Product Length	20 mm[.787 in]
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Product Height	10 mm[.394 in]
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### Usage Conditions

Environmental Ambient Temperature Class	70 – 85 °C
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Environmental Ambient Temperature (Max)	85 °C[185 °F]
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### Packaging Features

Packaging Method	Box & Tube, Carton
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### Product Compliance

For compliance documentation, visit the product page on [TE.com](https://www.te.com)>

EU RoHS Directive 2011/65/EU	Compliant
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EU ELV Directive 2000/53/EC	Compliant
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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 2021 (211)

Candidate List Declared Against: JUN 2020 (209)

SVHC &gt; Threshold:

4,4'-isopropylidenediphenol (Bisphenol A) (.3% in Component Part)

**Article Safe Usage Statements:**

Do not eat, drink or smoke when using this product. Wash thoroughly after handling. Recycle if possible and dispose of the article by following all applicable governmental regulations relevant to your geographic location.

Halogen Content

Not Low Halogen - contains Br or Cl &gt; 900 ppm.

Solder Process Capability

Wave solder capable to 260°C

**Product Compliance Disclaimer**

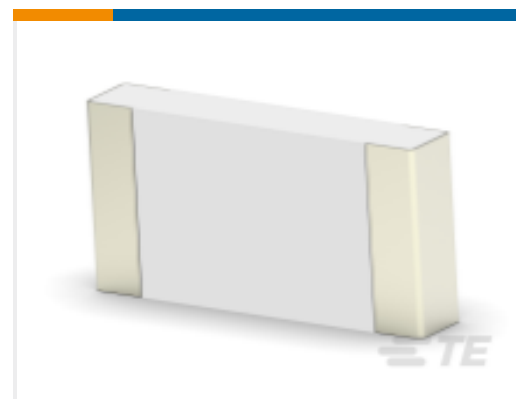
This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight 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**Also in the Series | **SCHRACK Miniature PCB Relay PE bistable**



Power Relays(40)

## Customers Also Bought

TE Part #DTT-20-03  
CRIMP TOOLTE Part #1011-232-0305  
BKSHL, 3P, BLK, PLG, RA, NW6/7.5/8.5 /10TE Part #2-1564532-1  
15POS, MIXED,TAB HSG,ASSYTE Part #K1007153  
Toggle Switch 08-1-1-13TE Part #YHDP26-24-35PEL017  
PLG, 35P, BLK, E, RNG, 16/20, PTE Part #834936-000  
MWTM-10/3-100/S(S100)TE Part #2-2176245-2  
CRGS1206 5% 56RTE Part #K1002956  
Toggle Switch 08-4-1-13TE Part #160668-6  
TERMINALTE Part #HDP24-24-16SE-L015  
REC, 16P, BLK, E, THD, 12, S

## Documents

### CAD Files

3D PDF

3D

### Customer View Model

[ENG\\_CVM\\_CVM\\_2-1419135-1\\_A.2d\\_dxf.zip](#)

English

### Customer View Model

[ENG\\_CVM\\_CVM\\_2-1419135-1\\_A.3d\\_igs.zip](#)



English

### Customer View Model

[ENG\\_CVM\\_CVM\\_2-1419135-1\\_A.3d\\_stp.zip](#)

English

By downloading the CAD file I accept and agree to the [Terms and Conditions](#) of use.

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### Datasheets & Catalog Pages

[Miniature PCB Relay PE](#)

English

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### Product Specifications

[Definitions, Handling, Processing, Testing and Use of Relays](#)

English

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### Agency Approvals

[VDE Certificate](#)

English

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