### SCHRACK | SCHRACK Miniature PCB Relay PE bistable

TE Internal #: 2-1419135-1

Power Relays, Standard, Monostable, DC, 210 mW Coil Power Rating DC, 1070  $\Omega$  Coil Resistance, SCHRACK Miniature PCB Relay

PE bistable

View on TE.com >

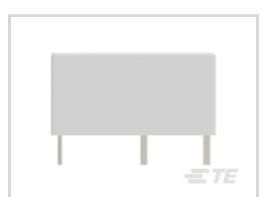


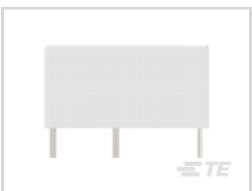
Relays & Contactors > Relays > Power Relays











Power Relay Type: Standard

Coil Magnetic System: Monostable, DC

Coil Power Rating DC: 210 mW

Coil Resistance:  $1070 \Omega$ Coil Voltage Rating: 15 VDC

### **Features**

### **Product Type Features**

Power Relay Type	Standard
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
Coil Power Rating Class	200 – 300 mW
Insulation Initial Dielectric Between Contacts & Coil	4000 Vrms
Insulation Initial Resistance	10000000 ΜΩ
Insulation Creepage Between Contact & Coil	4 mm[.157 in]
Contact Limiting Breaking Current	5 A
Coil Magnetic System	Monostable, DC



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
Body Features	
Insulation Special Features	Tracking Index of Relay Base PTI250
Product Weight	5 g[.1764 oz]
Contact Features	
Contact Arrangement	1 Form C (CO)
Contact Current Class	16 A

5 A

AgNi90/10

### **Dimensions**

Contact Material

Contact Current Rating (Max)

Contact Number of Poles

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

### **Usage Conditions**

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

### **Packaging Features**

Packaging Method Box & Tube, Cart
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## **Product Compliance**

For compliance documentation, visit the product page on TE.com>



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) Candidate List Declared Against: JUNE 2023 (235) 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





# Also in the Series | SCHRACK Miniature PCB Relay PE bistable



# Customers Also Bought









TE Part #DRC16-70SBE-P013UK PLG, 70P, BLK, E, SEAL BOND, B











### **Documents**

#### **CAD Files**

Customer View Model

ENG\_CVM\_CVM\_2-1419135-1\_C2.3d\_igs.zip

English

**Customer View Model** 

ENG\_CVM\_CVM\_2-1419135-1\_C2.3d\_stp.zip

English

**Customer View Model** 

ENG\_CVM\_CVM\_2-1419135-1\_C2.2d\_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

Miniature PCB Relay PE

English

**Product Specifications** 

Power Relays, Standard, Monostable, DC, 210 mW Coil Power Rating DC, 1070  $\Omega$  Coil Resistance, SCHRACK Miniature PCB Relay PE bistable



## Definitions General Purpose Relays

English

Agency Approvals

**VDE Certificate** 

English

#### **Mouser Electronics**

**Authorized Distributor** 

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

TE Connectivity:

2-1419135-1