4-1415535-9 ✔ ACTIVE

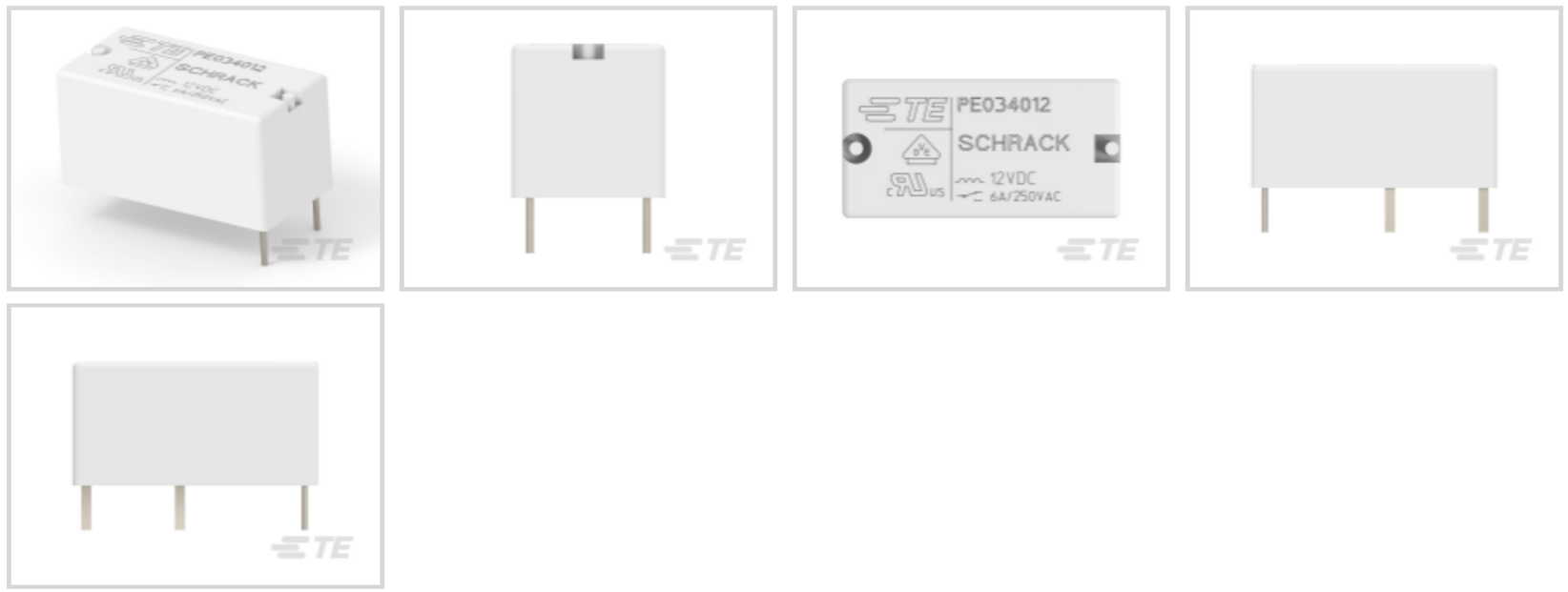
SCHRACK | SCHRACK Miniature PCB Relay PE bistable

TE Internal #: 4-1415535-9

Power Relays, Standard, Monostable, DC, 210 mW Coil Power Rating DC, 685 Ω Coil Resistance, SCHRACK Miniature PCB Relay PE bistable

View on TE.com >

Relays & Contactors > Relays > Power Relays



Relay Type: **Standard**

Coil Magnetic System: **Monostable, DC**

Coil Power Rating DC: **210 mW**

Coil Resistance: **685 Ω**

Coil Special Features: **UL Coil Insulation Class F**

Features

Product Type Features

Relay Type	Standard

Configuration Features

Insulation Special Features	Tracking Index of Relay Base PTI250
Coil Special Features	UL Coil Insulation Class F
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	6 A
Contact Limiting Short-Time Current	6 A
Contact Limiting Continuous Current	6 A
Insulation Initial Dielectric Between Contacts & Coil	4000 Vrms
Insulation Initial Resistance	10000000 MΩ
Contact Limiting Breaking Current	6 A

Coil Power Rating DC	210 mW
Coil Resistance	685 Ω
Coil Voltage Rating	12 VDC
Contact Current Rating	6 A
Contact Switching Load (Min)	10mA @ 12V
Contact Switching Voltage (Max)	400 VAC
Contact Voltage Rating	250 VAC

Body Features

Product Weight	5 g[.1764 oz]

Contact Features

Contact Plating Material	Silver Nickel
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	3.2 mm[.126 in]
Insulation Creepage Between Contact & Coil	4 mm[.157 in]
Product Width	10 mm[.393 in]
Product Length	20 mm[.787 in]
Product Height	10 mm[.393 in]

Usage Conditions

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

Operation/Application

Solder Process	Wave Solder
Coil Magnetic System	Monostable, DC

Packaging Features

Packaging Method	Box & Tube, Carton

Other

Length Class (Mechanical)	16 - 20 mm
Insulation Initial Dielectric Between Coil & Contact Class	3500 - 4000 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)	9 - 10 mm
Coil Power Rating Class	200 - 300 mW
Width Class (Mechanical)	8 - 10 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) 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

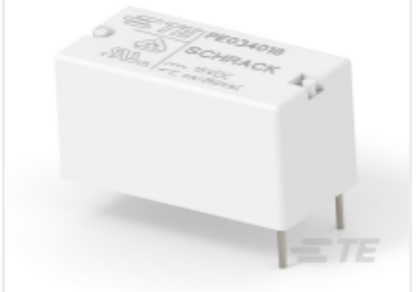
Product Compliance Disclaimer

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

TE Part # 2-1393219-4
PE035012

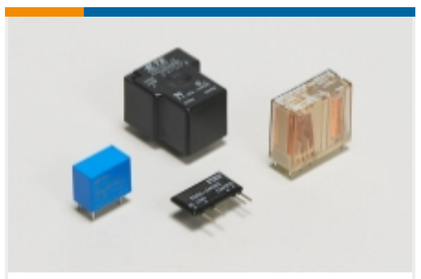
TE Part # 4-1415535-8
PE034009



TE Part # 5-1415535-0
PE034018

TE Part # 5-1415535-4
PE033012

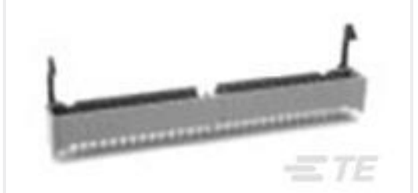
Also in the Series | SCHRACK Miniature PCB Relay PE bistable



Power Relays(40)

Customers Also Bought

TE Part # 178308-3
DYNAMIC D-3 HDR ASSY H 20P



TE Part # 2-1761711-3
IDC LOW PRO HDR 10P VERT LG LA

TE Part # 1-770967-1
03P MINI UMNL R/A HDR ASSY AU

TE Part # 1-406541-8
MJ,INV,1X1,0PNL G,.100"ST,SN

TE Part # 5-1879350-1
RR01 5% 27R AMMO

TE Part # 1-1879355-0
RR03 5% 10K AMMO

TE Part # 1721874-5
OJ-SS-112LMH2-WG

Documents

CAD Files

Customer View Model

ENG_CVM_CVM_4-1415535-9_C2.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_4-1415535-9_C2.3d_stp.zip

English

Customer View Model

ENG_CVM_CVM_4-1415535-9_C2.2d_dxf.zip

English

3D PDF

3D

Datasheets & Catalog Pages

Miniature PCB Relay PE

English

Product Specifications

Definitions General Purpose Relays

English

Agency Approvals

VDE Certificate

English