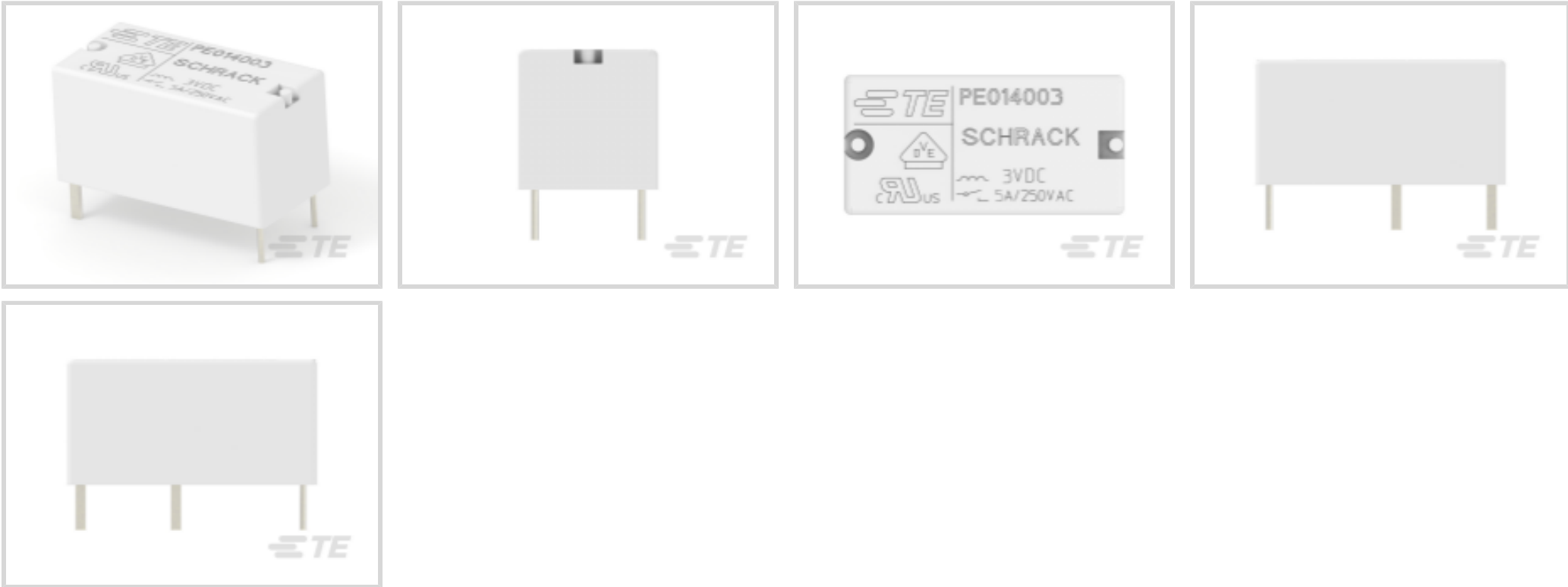




Relays & Contactors > Relays > Power Relays



Relay Type: **General Purpose Power Relay**

Coil Magnetic System: **Monostable**

Coil Power Rating DC: **.2 W**

Coil Resistance: **45 Ω**

Coil Voltage Rating: **3 VDC**

Features

Product Type Features

Relay Type	General Purpose Power Relay
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Configuration Features

Contact Arrangement	1 Form C SPDT-CO
Contact Number of Poles	1

Electrical Characteristics

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 Initial Dielectric Between Contacts & Coil	4000 Vrms
Insulation Initial Resistance	10000000 MΩ
Contact Limiting Breaking Current	5 A
Coil Power Rating DC	.2 W
Coil Resistance	45 Ω



Coil Voltage Rating	3 VDC
Contact Current Rating	5 A
Contact Switching Voltage (Max)	400 VAC
Contact Voltage Rating	250 VAC

Body Features

Product Weight	5 g[.1764 oz]
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Contact Features

Contact Material	AgNi90/10
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Termination Features

Relay Connection Type	PCB Termination
Terminal Configuration	Solder Pins

Mechanical Attachment

Product Mount Type	Printed Circuit Board
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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 Category of Protection	RTII
Environmental Ambient Temperature (Max)	85 °C[185 °F]

Operation/Application

Current Type	DC
Solder Process	Wave Solder
Coil Magnetic System	Monostable

Packaging Features

Packaging Method	Carton, Tube
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Other

Length Class (Mechanical)	16 – 20 mm
Environmental Ambient Temperature Class	70 – 85 °C



Height Class (Mechanical)	9 – 10 mm
Coil Power Rating Class	.15 – .2 W
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: JUNE 2024 (241) Candidate List Declared Against: JAN 2024 (240) 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





Also in the Series

SCHRACK Miniature PCB Relay PE bistable

Power Relays(40)

Customers Also Bought

TE Part #5177986-1  
Free Height Plug Connector: Board-Board, Vertical, 40, 0.8mm

TE Part #5177985-1  
0.8FH,R05H.5,040,08/Sn,TR,SC

TE Part #281698-3  
HEADER HE14 RA 3 P

TE Part #520433-1  
4 SDL FERRULE,BULK PKG

TE Part #5-1761185-1  
4 SDL SE GRND RCPT ASSY

TE Part #ADP-SMAF-SMAF-F-G  
SMA Jack to SMA Jack Flange

TE Part #CSH-SGFB-200-UFFR  
SMA to U.FL/MHF1 200mm 1.32 OD

Documents

- CAD Files
- Customer View Model
- ENG\_CVM\_CVM\_2-1419142-2\_C2.3d\_igs.zip
- English
- Customer View Model
- ENG\_CVM\_CVM\_2-1419142-2\_C2.3d\_stp.zip
- English
- Customer View Model
- ENG\_CVM\_CVM\_2-1419142-2\_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

Definitions General Purpose Relays

English

Agency Approvals

VDE Certificate

English