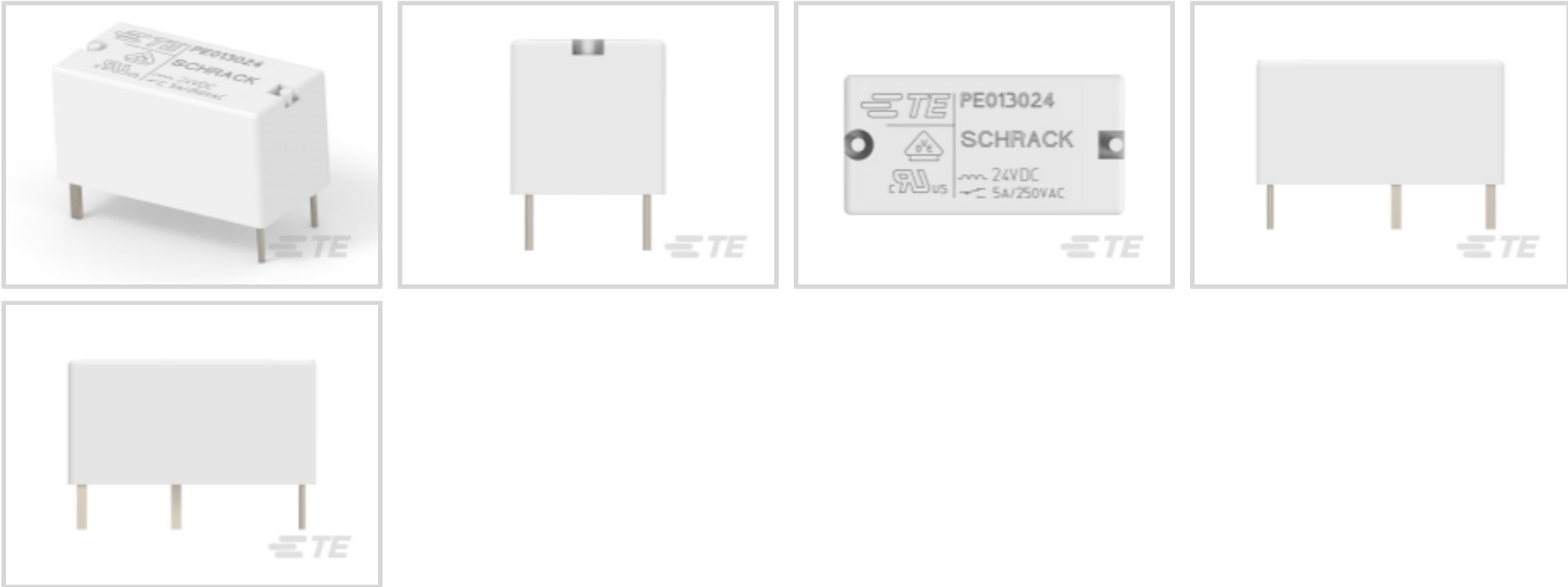




Relays & Contactors > Relays > Power Relays



Relay Type: **Standard**

Coil Magnetic System: **Monostable**

Coil Power Rating DC: **211 mW**

Coil Resistance: **2725  $\Omega$**

Coil Voltage Rating: **24 VDC**

Features

Product Type Features

Relay Type	Standard
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Configuration Features

Insulation Special Features	Tracking Index of Relay Base PTI250
Contact Arrangement	1 Form C (CO)
Contact Number of Poles	1

Electrical Characteristics

Coil Current	.008 A
Insulation Initial Dielectric Between Open Contacts	1000 Vrms
Contact Limiting Short-Time Current	5 A
Coil Power Rating	.2 W
Output Voltage Rating (DC Relays)	30 VDC
Logic Voltage	24 VDC
Insulation Initial Resistance	10000000 M $\Omega$
Output Voltage (Max)	250 V



Contact Limiting Making Current	5 A
Contact Limiting Continuous Current	5 A
Insulation Initial Dielectric Between Contacts & Coil	4000 Vrms
Input Voltage	24 VDC
Contact Limiting Breaking Current	5 A
Coil Power Rating DC	211 mW
Coil Resistance	2725 Ω
Coil Voltage Rating	24 VDC
Contact Current Rating	5 A
Contact Switching Load (Min)	100mA @ 24V
Contact Switching Voltage (Max)	400 VAC
Contact Voltage Rating	250 VAC

Body Features

Primary Product Color	Orange
Product Weight	5 g[.1764 oz]

Contact Features

Contact Material	AgSnO2
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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 Ambient Temperature (Max)	85 °C[185 °F]
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Operation/Application

Actuating System	DC
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Solder Process	Wave Solder
Output Switching	Random
Coil Magnetic System	Monostable

Packaging Features

Packaging Method	Box & Tube, Carton
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Other

Length Class (Mechanical)	16 - 20 mm
Insulation Initial Dielectric Between Coil & Contact Class	3500 - 4000 V
Insulation Creepage Class	3 - 5.5 mm
Height Class (Mechanical)	9 - 10 mm
Coil Power Rating Class	200 - 300 mW
Environmental Ambient Temperature Class	70 - 85 °C
Insulation Clearance Class	2.5 - 4 mm
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 # 7-1415539-4  
PE013012

Also in the Series | SCHRACK Miniature PCB Relay PE bistable

Power Relays(40)

Customers Also Bought

TE Part # 1-1462038-6  
IM06NS=IM RELAY 140mW 12V

TE Part # 9-215079-0  
Female-on-Board Connector, Top Entry

TE Part # 2176045-7  
EP 5W 68R 5%

TE Part # 3-1879352-0  
RR02 5% 5R1 AMMO

TE Part # 215083-6  
MICRO-MATCH MOW.06P

TE Part # 0253350001  
TMS-SCE-1K-1-2.0-9

Documents



CAD Files

Customer View Model

ENG\_CVM\_CVM\_5-1415535-5\_A5.3d\_igs.zip

English

Customer View Model

ENG\_CVM\_CVM\_5-1415535-5\_A5.3d\_stp.zip

English

Customer View Model

ENG\_CVM\_CVM\_5-1415535-5\_A5.2d\_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