



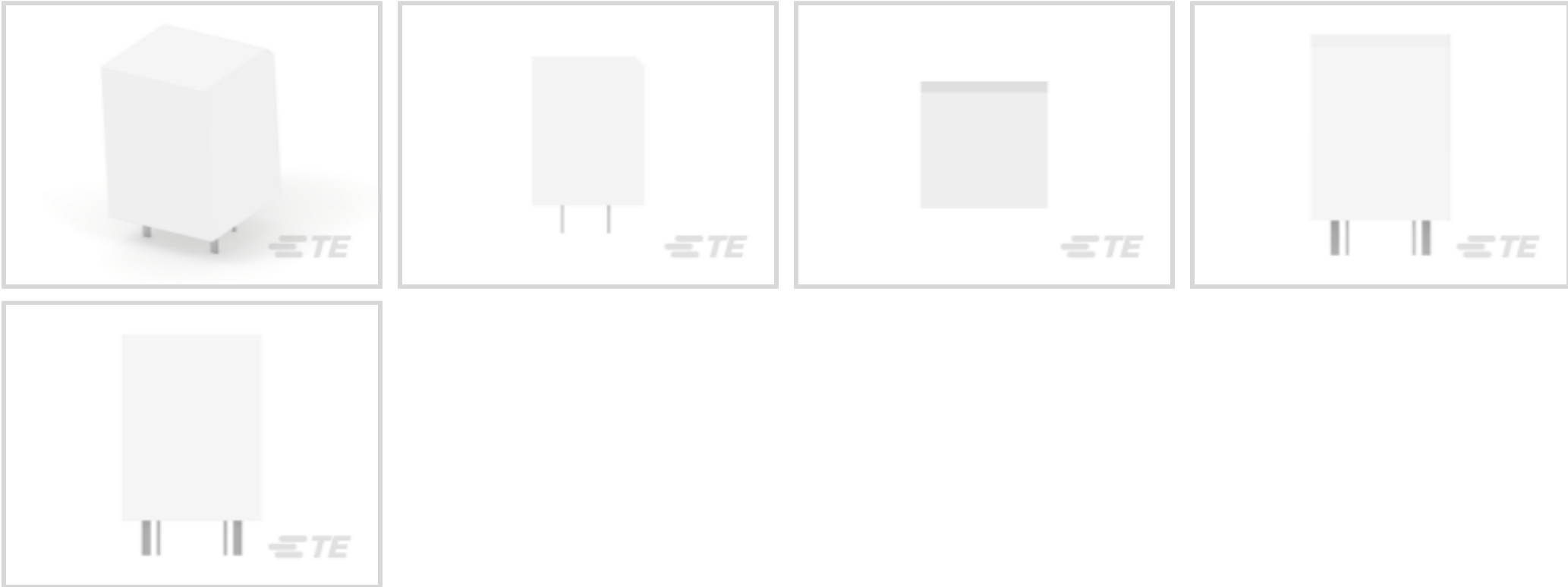
SCHRACK | SCHRACK Miniature Power PCB Relay PB

TE Internal #: 2-1415356-1

General Purpose Power Relay, DC, Monostable, 1 Form A SPST-NO, 6 A Contact Rating, 12 VDC Coil Voltage, SCHRACK Miniature Power PCB Relay PB

[View on TE.com >](#)

Relays & Contactors > Electromechanical Relays



Relay & Contactor Type: **General Purpose Power Relay**

Coil Magnetic System: **Monostable**

Contact Arrangement: **1 Form A SPST-NO**

Current Type: **DC**

Contact Current Rating: **6 A**

Features

Product Type Features

Relay & Contactor Type	General Purpose Power Relay
------------------------	-----------------------------

Configuration Features

Contact Number of Poles	1
Contact Arrangement	1 Form A SPST-NO

Electrical Characteristics

Contact Limiting Short-Time Current	6 A
Contact Limiting Continuous Current	6.5 A
Contact Switching Voltage (Max)	400 VAC
Insulation Initial Dielectric Between Open Contacts	1000 Vrms
Contact Limiting Making Current	10 A
Contact Limiting Breaking Current	6 A
Coil Resistance	400 Ω
Contact Current Rating	6 A
Coil Voltage Rating	12 VDC



Contact Voltage Rating	250 VAC
Coil Power Rating DC	.36 W
Insulation Initial Dielectric Between Contacts & Coil	2500 Vrms

Body Features

Product Weight	5.4 g[.19 oz]
Enclosure Type	Flux Resistant Automatic Soldering

Contact Features

Contact Material	AgNi90/10
------------------	-----------

Termination Features

Main Termination & Connection Type	Solder Pins
Coil Termination & Connection Type	Solder Pins

Mechanical Attachment

Product Mount Type	Printed Circuit Board
--------------------	-----------------------

Dimensions

Insulation Clearance Between Contact & Coil	4 mm[.157 in]
Insulation Creepage Between Contact & Coil	5 mm[.197 in]
Product Width	15 mm[.59 in]
Product Length	15 mm[.59 in]
Product Height	20 mm[.787 in]

Usage Conditions

Environmental Category of Protection	RTII
Environmental Ambient Temperature (Max)	105 °C[221 °F]

Operation/Application

Solder Process	Wave Solder
Coil Magnetic System	Monostable
Current Type	DC

Packaging Features

Packaging Method	Box & Tube, Tube
------------------	------------------

Other

Environmental Ambient Temperature Class	85 – 105 °C
Coil Power Rating Class	.3 – .4 W



Contact Current Class	16 A
Height Class (Mechanical)	16 – 20 mm
Length Class (Mechanical)	14 – 16 mm
Width Class (Mechanical)	12 – 16 mm

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: JUNE 2024 (241) 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

TE Part # 3-1415356-1  
PBH34009

TE Part # 8-1415357-1  
PBH34018



Also in the Series

SCHRACK Miniature Power PCB Relay PB

Electromechanical Relays(20)

Customers Also Bought

TE Part #6-1419128-6  
OJE-SS-124HMF,F000

TE Part #917725-1  
2.5 SIGNAL D/LOCK HDR ASSY 5P

TE Part #927837-4  
SPT REC 6.3 Contact SRC Ag

TE Part #1-1376386-2  
5mm B-T-W Conn. 4P(2row) HDR A

TE Part #3-644617-6  
06P MTA156 HDR ASY PO RA FB LF

TE Part #1-1744418-1  
11 POS EP 2.5 HDR, GLOW WIRE

TE Part #1-1744524-2  
EP 12P HEADER ASY NO 2,6 PINS

TE Part #8-1744524-7  
3.96 EP HDR ASY 07P NO2,4,6PIN,NO PEG,GW

TE Part #2071452-7  
RZHH-1A4-D012-R0001 (TES)

Documents

- CAD Files
- Customer View Model
- ENG\_CVM\_CVM\_2-1415356-1\_B1.3d\_stp.zip
- English
- Customer View Model
- ENG\_CVM\_CVM\_2-1415356-1\_B1.2d\_dxf.zip
- English



3D PDF

3D

Customer View Model

ENG\_CVM\_CVM\_2-1415356-1\_B1.3d\_igs.zip

English

Customer View Model

ENG\_CVM\_2-1415356-1\_SHK1.3d\_igs.zip

English

Customer View Model

ENG\_CVM\_2-1415356-1\_SHK1.3d\_stp.zip

English

Customer View Model

ENG\_CVM\_2-1415356-1\_SHK1.2d\_dxf.zip

English

3D PDF

English

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

Datasheets & Catalog Pages

Miniature Power PCB Relay PBH

English

Product Specifications

Definitions General Purpose Relays

English

Agency Approvals

VDE Certificate

English