

2-1415356-1 ✓ ACTIVE

SCHRACK | SCHRACK Miniature Power PCB Relay PB

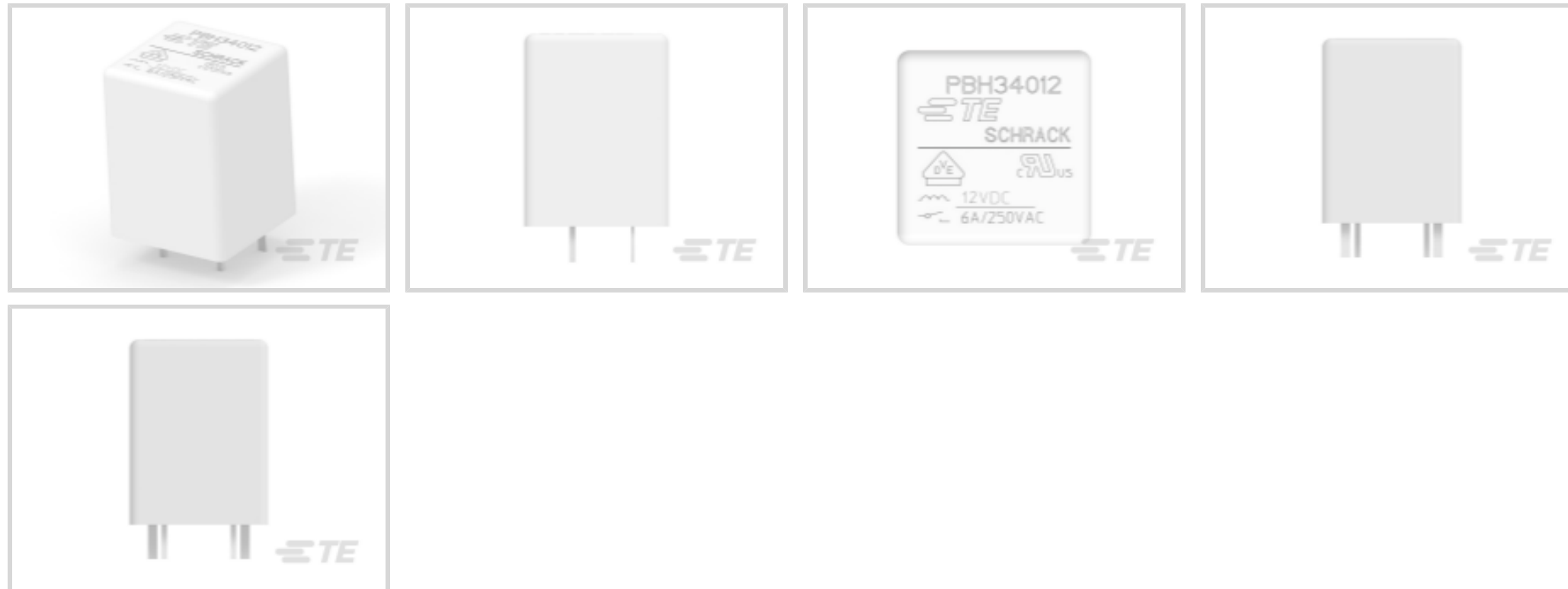
TE Internal #: 2-1415356-1

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 Making Current	10 A
Contact Limiting Continuous Current	6.5 A
Contact Limiting Breaking Current	6 A
Insulation Initial Dielectric Between Open Contacts	1000 Vrms
Contact Switching Voltage (Max)	400 VAC
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 Solder Capable
----------------	---

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	Board Mount
--------------------	-------------

Dimensions

Insulation Clearance Between Contact & Coil	4 mm[.157 in]
---	---------------

Insulation Creepage Between Contact & Coil	5 mm[.197 in]
--	---------------

Product Width	15 mm[.591 in]
---------------	----------------

Product Length	15 mm[.591 in]
----------------	----------------

Product Height	20 mm[.787 in]
----------------	----------------

Usage Conditions

Operating Temperature Range	-20 – 105 °C[-4 – 221 °F]
-----------------------------	---------------------------

Environmental Category of Protection	RTII
--------------------------------------	------

Environmental Ambient Temperature (Max)	105 °C[221 °F]
---	----------------

Operation/Application

Solder Process	Wave Solder Capable
----------------	---------------------

Coil Magnetic System	Monostable
----------------------	------------

Current Type	DC
--------------	----

Packaging Features

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

Other

Coil Power Rating Class	>.3 – ≤.6 W
-------------------------	-------------

Contact Current Class	>5 – ≤10 A
Height Class (Mechanical)	>16 – ≤22 mm[>.63 – ≤.866 in]
Length Class (Mechanical)	>11 – ≤16 mm[>.433 – ≤.63 in]
Width Class (Mechanical)	>14 – ≤16 mm[>.551 – ≤.63 in]

Product Compliance

For compliance documentation, visit the product page on [TE.com](https://www.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	有害物质含量符合标准要求 No Restricted Substance(s) Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2025 (250) Candidate List Declared Against: JUNE 2025 (250) 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

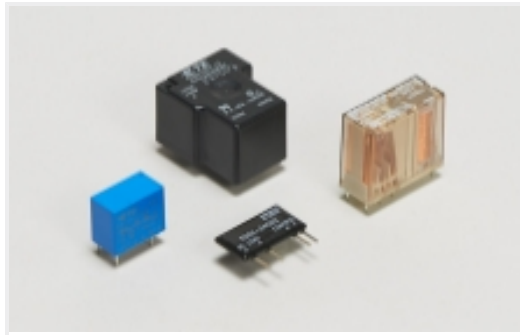
Product Compliance Disclaimer

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>

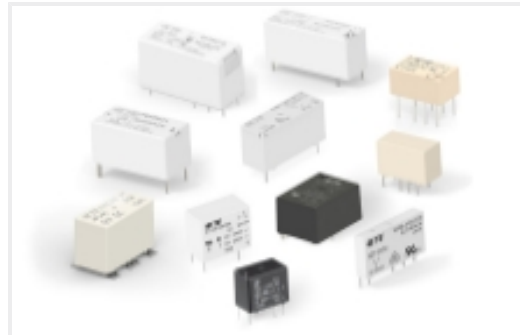
Compatible Parts



Also in the Series | SCHRACK Miniature Power PCB Relay PB



General Purpose Power Relays(20)



PCB Relays(20)

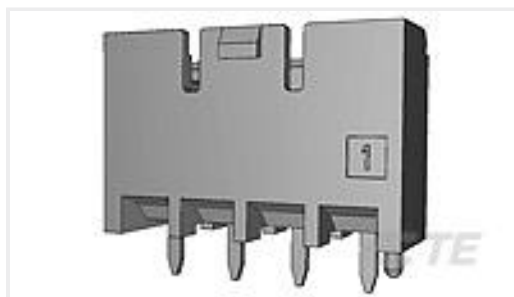
Customers Also Bought



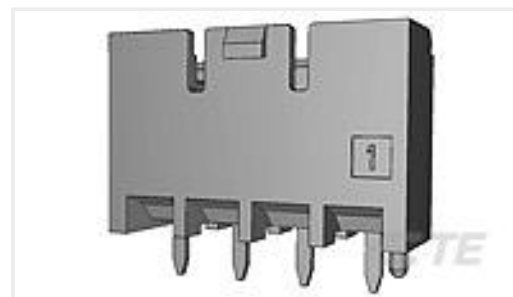
TE Part #322334
TERMINAL,SOLIS R HT 16-14 8



TE Part #323794
SPLICE,SOLIS PARA HR 16-14



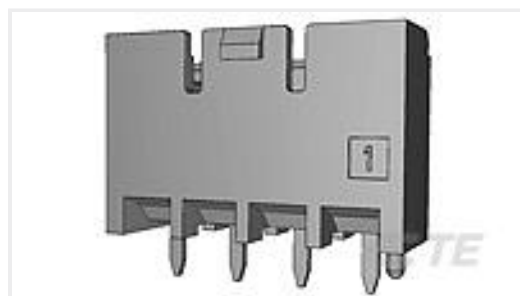
TE Part #3-1376382-4
5mm B-T-W Conn. 2P HDR ASSEMBL



TE Part #3-1376383-4
5MM POWER KEY 3P HDR ASSY YELL



TE Part #3-1376386-4
5mm B-T-W Conn. 4P(2row) HDR A



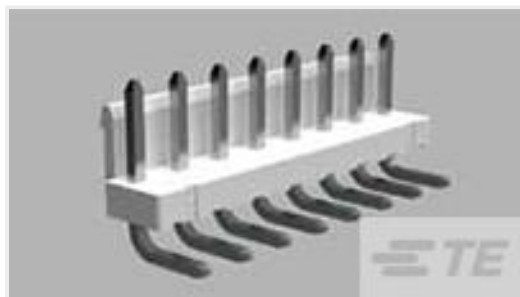
TE Part #2-1376387-3
5mm B-T-W Conn. 6P(2row) HDR A



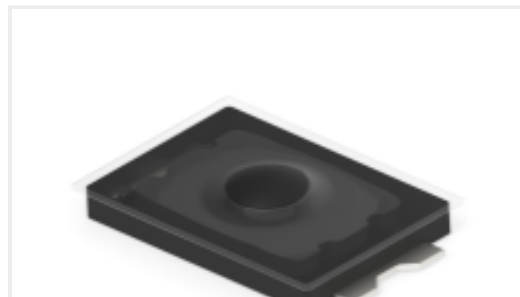
TE Part #1-1744524-2
EP 12P HEADER ASY NO 2,6 PINS



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



TE Part #1744525-4
EP RA 04P HEADER ASY NO 3 PIN



TE Part #2425753-2
Ultraminiature 2.0x3.0 tactile, 240gf

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