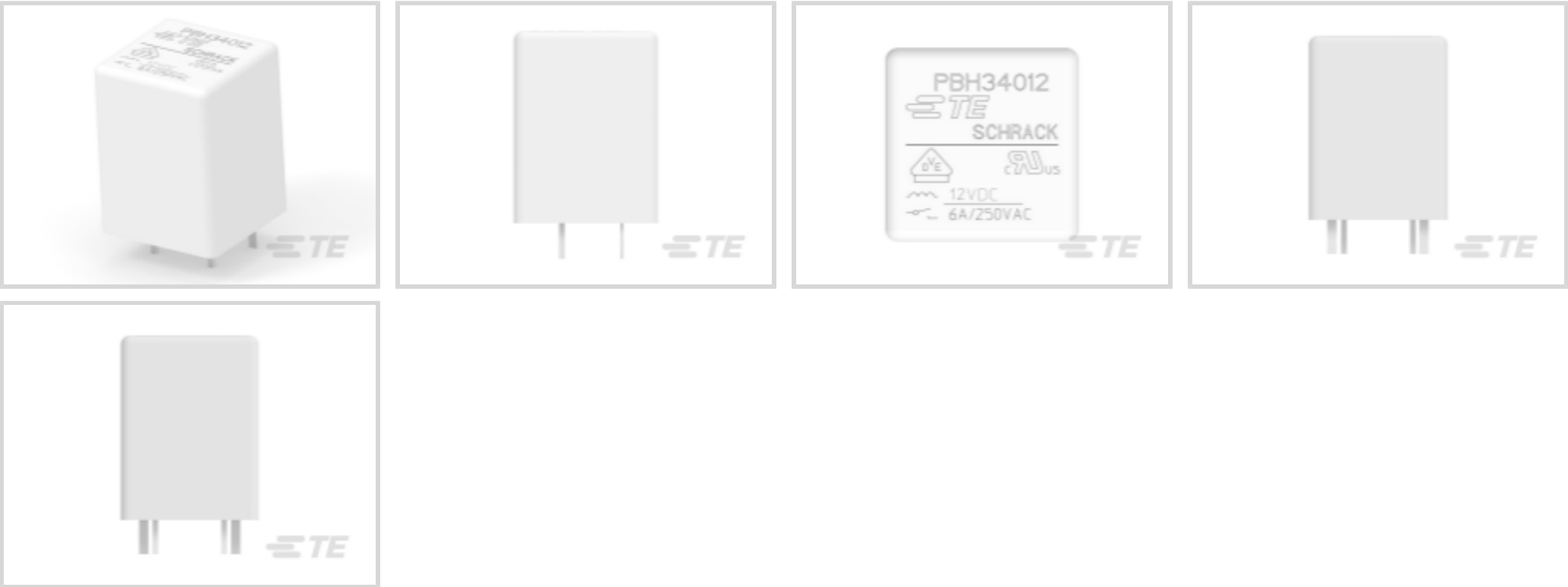




Relays & Contactors > Electromechanical Relays



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>

|                                               |                                                                                                                                 |
|-----------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------|
| 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)<br>Candidate List Declared Against: JUNE 2025 (250)<br>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

DC Relays(20)

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