7-1415356-1 ✔ ACTIVE

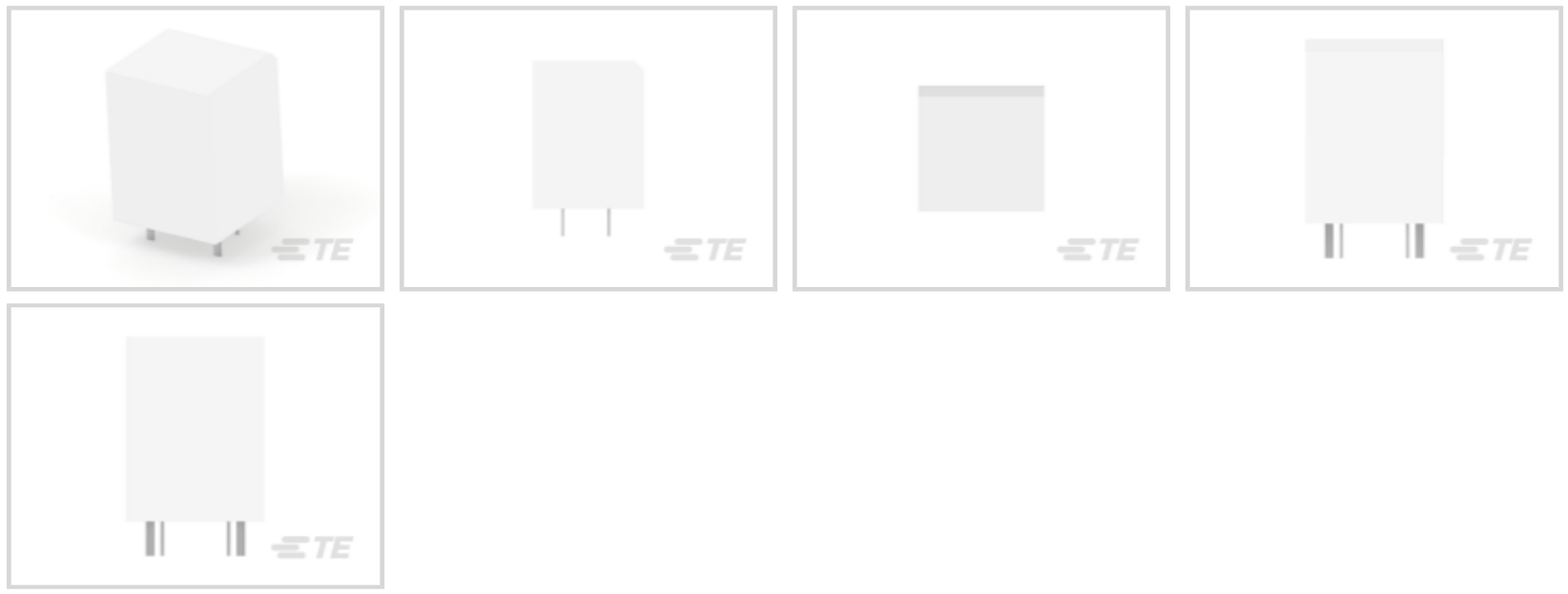
SCHRACK | SCHRACK Miniature Power PCB Relay PB

TE Internal #: 7-1415356-1

Power Relays, Standard, Monostable, 360 mW Coil Power Rating DC, 225 Ω Coil Resistance, 9 VDC Coil Voltage, SCHRACK Miniature Power PCB Relay PB

View on TE.com >

Relays & Contactors > Relays > Power Relays



Relay Type: **Standard**

Coil Magnetic System: **Monostable**

Coil Power Rating DC: **360 mW**

Coil Resistance: **225 Ω**

Coil Voltage Rating: **9 VDC**

Features

Product Type Features

Relay Type	Standard

Configuration Features

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

Electrical Characteristics

Insulation Initial Dielectric Between Open Contacts	1000 Vrms
Contact Limiting Making Current	10 A
Contact Limiting Short-Time Current	6 A
Contact Limiting Continuous Current	6.5 A
Insulation Initial Dielectric Between Contacts & Coil	2500 Vrms
Contact Limiting Breaking Current	6 A
Coil Power Rating DC	360 mW
Coil Resistance	225 Ω

Coil Voltage Rating	9 VDC
Contact Current Rating	6 A
Contact Switching Voltage (Max)	400 VAC
Contact Voltage Rating	250 VAC

Body Features

Product Weight	5.4 g[.19 oz]

Contact Features

Contact Material	AgNi90/10

Termination Features

Relay Connection Type	PCB Termination
Terminal Configuration	Solder Pins

Mechanical Attachment

Product Mount Type	Printed Circuit Board

Dimensions

Insulation Clearance Between Contact & Coil	3 mm[.118 in]
Insulation Creepage Between Contact & Coil	4 mm[.157 in]
Product Width	15 mm[.59 in]
Product Length	15 mm[.59 in]
Product Height	20 mm[.787 in]

Usage Conditions

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

Operation/Application

Actuating System	DC
Solder Process	Wave Solder
Coil Magnetic System	Monostable

Packaging Features

Packaging Method	Box & Tube, Tube

Other

Length Class (Mechanical)	14 - 16 mm
Insulation Initial Dielectric Between Coil & Contact Class	1500 - 2500 V
Environmental Ambient Temperature Class	85 - 105 °C

Insulation Creepage Class	3 - 5.5 mm
Insulation Clearance Class	2.5 - 4 mm
Height Class (Mechanical)	16 - 20 mm
Coil Power Rating Class	300 - 400 mW
Width Class (Mechanical)	12 - 16 mm
Contact Current Class	16 A

Product Compliance

For compliance documentation, visit the product page on TE.com>

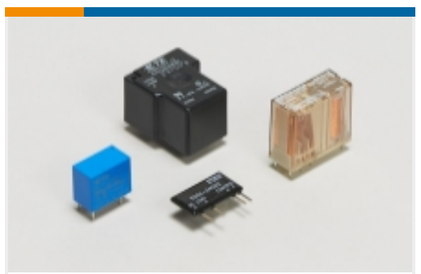
EU RoHS Directive 2011/65/EU	Compliant
EU ELV Directive 2000/53/EC	Compliant
China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JAN 2024 (240) Candidate List Declared Against: JAN 2024 (240) Does not contain REACH SVHC
Halogen Content	Not Low Halogen - contains Br or Cl > 900 ppm.
Solder Process Capability	Wave solder capable to 265°C

Compatible Parts

TE Part # 6-1415356-1
PBH14012

TE Part # 1-1415534-1
PBH14007

Also in the Series | SCHRACK Miniature Power PCB Relay PB



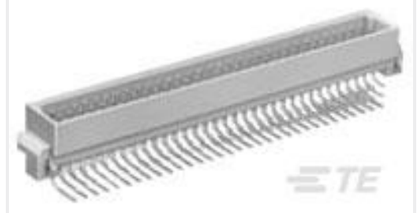
Power Relays(38)

Customers Also Bought

TE Part # 1-1879071-8
THS50 3R3 5%

TE Part # 1-1415899-3
RZ03-1A4-D005

TE Part # 2-1415030-1
PB134012



TE Part # 8-1393644-3
V42254B1200C910=PC612 MESSERLE

TE Part # 3-1393240-3
RT33L012

TE Part # 5-2176414-1
7W STD M/OX 5% 2K4

TE Part # 5053044060
RNF-100-3/16-0-SP

TE Part # 5-1419144-3
OJE-SS-109LMH,000

TE Part # 2-1393239-9
RT134020

Documents

CAD Files

Customer View Model

ENG_CVM_CVM_7-1415356-1_B1.3d_stp.zip

English

Customer View Model

ENG_CVM_CVM_7-1415356-1_B1.2d_dxf.zip

English

3D PDF

3D

Customer View Model

ENG_CVM_CVM_7-1415356-1_B1.3d_igs.zip

English

Datasheets & Catalog Pages

Miniature Power PCB Relay PBH

English

Product Specifications

Definitions General Purpose Relays

English

Agency Approvals

VDE Certificate

English