7-1415356-1 ✔ ACTIVE

SCHRACK | SCHRACK Miniature Power PCB Relay PB

TE Internal #: 7-1415356-1

General Purpose Power Relay, Monostable, .36 W Coil, 225 ohm Coil Resistance, 9 VDC Coil Voltage, SCHRACK Miniature Power PCB Relay PB, Power Relays

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Relays & Contactors > Relays > Power Relays



Relay Type: **General Purpose Power Relay**

Coil Magnetic System: **Monostable**

Coil Power Rating DC: **.36 W**

Coil Resistance: **225 Ω**

Coil Voltage Rating: **9 VDC**

Features

Product Type Features

Relay Type	General Purpose Power Relay

Configuration Features

Contact Arrangement	1 Form C SPDT-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	.36 W
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 Category of Protection	RTII
Environmental Ambient Temperature (Max)	105 °C[221 °F]

Operation/Application

Current Type	DC
Solder Process	Wave Solder
Coil Magnetic System	Monostable

Packaging Features

Packaging Method	Box & Tube, Tube

Other

Length Class (Mechanical)	14 – 16 mm
Environmental Ambient Temperature Class	85 – 105 °C
Height Class (Mechanical)	16 – 20 mm

Coil Power Rating Class	.3 – .4 W
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: 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

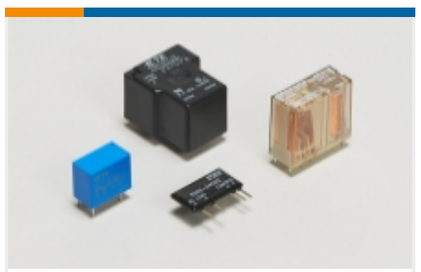


TE Part # 6-1415356-1
PBH14012



TE Part # 1-1415534-1
PBH14007

Also in the Series | SCHRACK Miniature Power PCB Relay PB



Power Relays(38)

Customers Also Bought



TE Part #1-1415899-3
PCB Power Relay: 12-16 Amp, Monostable



TE Part #1393212-8
T92S7D12-12



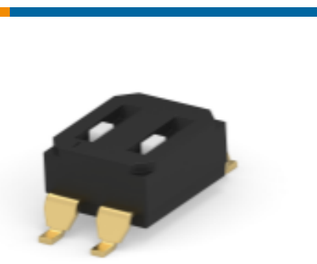
TE Part #643423-1
06P UMNL HDR ASSY POL



TE Part #3-1393240-3
RT33L012



TE Part #1-1734248-6
1.0 FPC, ZIF V/T, SMT, 16P



TE Part #2319848-2
END STACK DIP 2P G RECESS TUBE

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

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

Unikeyic Electronics

Global Electronic Components Distributor

Click to view pricing, inventory, delivery, and lifecycle information:

TE Connectivity:

1-794222-0 1-962915-1 1969656-1 3430B2F51RTDF CRGCQ2010J3K3 RH73H2A40MKTN ROX05SJ18R
1393431-1 1903112-2 2377783-2 SBCHE154R7K SBCHE64R7K SMW73R0JT 141991-2 2380312-2
3631B101LL 917696-1 CPF0402B37K4E1 175977-2 2-292161-3 2005330-1 3-1393225-0 936348-1
MPT100C18RF 2310537-1 1743455-2 650075-000 U5254-000005-030PA 2834055-1 TE50BR39J