SCHRACK | SCHRACK Miniature Power PCB Relay PB

TE Internal #: 3-1415541-9

Power Relays, Standard, Monostable, DC, 360 mW Coil Power Rating DC, 100 Ω Coil Resistance, 6 VDC Coil Voltage, SCHRACK

Miniature Power PCB Relay PB

View on TE.com >



Relays & Contactors > Relays > Power Relays



Power Relay Type: Standard

Coil Magnetic System: Monostable, DC

Coil Power Rating DC: 360 mW

Coil Resistance: 100Ω Coil Voltage Rating: 6 VDC

Features

Product Type Features

Power Relay Type	Standard
Relay Connection Type	PCB Solder Pins
Electrical Characteristics	
Insulation Initial Dielectric Between Coil & Contact Class	1500 – 2500 V
Insulation Initial Dielectric Between Open Contacts	1000 Vrms
Contact Limiting Making Current	15 A
Contact Limiting Short-Time Current	10 A
Contact Limiting Continuous Current	10 A
Insulation Creepage Class	3 – 5.5 mm
Coil Power Rating Class	300 – 400 mW
Insulation Initial Dielectric Between Contacts & Coil	2500 Vrms
Insulation Creepage Between Contact & Coil	5 mm[.197 in]
Contact Limiting Breaking Current	10 A
Coil Magnetic System	Monostable, DC
Coil Power Rating DC	360 mW
Coil Resistance	100 Ω
Coil Voltage Rating	6 VDC
Contact Switching Voltage (Max)	400 VAC



Contact Voltage Rating	250 VAC
Body Features	
Insulation Special Features	Tracking Index of Relay Base PTI250
Product Weight	5.4 g[.19 oz]
Contact Features	
Contact Arrangement	1 Form A (NO)
Contact Current Class	16 A
Contact Current Rating (Max)	10 A
Contact Material	AgNi90/10
Contact Number of Poles	1
Mechanical Attachment	
Product Mount Type	Printed Circuit Board
Dimensions	
Length Class (Mechanical)	14 – 16 mm
Insulation Clearance Class	2.5 – 4 mm
Height Class (Mechanical)	16 – 20 mm
Insulation Clearance Between Contact & Coil	4 mm[.157 in]
Width Class (Mechanical)	12 – 16 mm
Product Width	15 mm[.59 in]
Product Length	15 mm[.59 in]
Product Height	20 mm[.787 in]
Usage Conditions	
Environmental Ambient Temperature Class	70 – 85 °C
Environmental Ambient Temperature (Max)	85 °C[185 °F]
Packaging Features	
Packaging Method	Box & Tube, Tube
Other	
Solder Process	Wave Solder

Product Compliance

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



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

Product Compliance Disclaimer

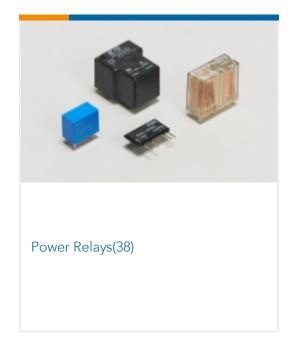
This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight 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



Customers Also Bought







REC, 16P, BLK, E, THD, 12, S



TE Part #DRC16-70SBE-P013UK PLG, 70P, BLK, E, SEAL BOND, B











Documents

CAD Files

Customer View Model

ENG_CVM_CVM_3-1415541-9_A1.3d_stp.zip

English

Customer View Model

ENG_CVM_CVM_3-1415541-9_A1.2d_dxf.zip

English

3D PDF

3D

Customer View Model

ENG_CVM_CVM_3-1415541-9_A1.3d_igs.zip

English

By downloading the CAD file I accept and agree to the **Terms and Conditions** of use.

Datasheets & Catalog Pages

Definitions General Purpose Relays

English

Miniature Power PCB Relay PB

English



Product Specifications

Definitions General Purpose Relays

English

Agency Approvals

VDE Certificate

English

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

TE Connectivity:

3-1415541-9