2-1415390-1 ACTIVE

SCHRACK | SCHRACK Miniature PCB Relay PE bistable

TE Internal #: 2-1415390-1

SCHRACK Miniature PCB Relay PE bistable, Power Relays,

Standard, Bistable, 1 Coil, Polarized, 200 – 300mW Coil Power

Rating Class

View on TE.com >



Relays, Contactors & Switches > Relays > Power Relays



Power Relay Type: Standard

Coil Magnetic System: Bistable, 1 Coil, Polarized

Coil Power Rating Class: 200 – 300 mW

Coil Power Rating DC: 200 mW

Coil Resistance: 180Ω

Features

Product Type Features

Power Relay Type	Standard
Electrical Characteristics	
Insulation Initial Dielectric Between Coil & Contact Class	3500 – 4000 V
Insulation Initial Dielectric Between Open Contacts	1000 Vrms
Contact Limiting Making Current	5 A
Contact Limiting Short-Time Current	5 A
Contact Limiting Continuous Current	5 A
Insulation Creepage Class	3 – 5.5 mm
Insulation Initial Dielectric Between Contacts & Coil	4000 Vrms
Insulation Initial Resistance	10000000 ΜΩ
Insulation Creepage Between Contact & Coil	4 mm[.157 in]
Contact Limiting Breaking Current	5 A
Coil Magnetic System	Bistable, 1 Coil, Polarized
Coil Power Rating Class	200 – 300 mW
Coil Power Rating DC	200 mW
Coil Resistance	180 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 g[.1764 oz]
Contact Features	
Contact Arrangement	1 Form C (CO)
Contact Current Class	5 – 10 A, 16 A
Contact Current Rating (Max)	5 A
Contact Material	AgNi90/10
Contact Number of Poles	1
Terminal Type	PCB-THT
Mechanical Attachment	
Relay Mounting Type	Printed Circuit Board
Dimensions	
Length Class (Mechanical)	16 – 20 mm
Insulation Clearance Class	2.5 – 4 mm
Height Class (Mechanical)	9 – 10 mm
Insulation Clearance Between Contact & Coil	3.2 mm[.126 in]
Width Class (Mechanical)	8 – 10 mm
Product Width	10 mm[.394 in]
Product Length	20 mm[.787 in]
Product Height	10 mm[.394 in]
Usage Conditions	
Environmental Ambient Temperature Class	70 – 85 °C
Environmental Ambient Temperature (Max)	85 °C[185 °F]
Environmental Category of Protection	RTII
Packaging Features	
Packaging Method	Box & Tube, Carton

Product Compliance

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

EU RoHS Directive 2011/65/EU Compliant	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: JUN 2020 (209) Candidate List Declared Against: JUN 2020 (209) SVHC > Threshold: 4,4'-isopropylidenediphenol (Bisphenol A) (. 3% in Component Part) Article Safe Usage Statements: Do not eat, drink or smoke when using this product. Wash thoroughly after handling. Recycle if possible and dispose of the article by following all applicable governmental regulations relevant to your geographic location.
Halogen Content	Not Low Halogen - contains Br or Cl > 900 ppm.
Solder Process Capability	Wave solder capable to 260°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





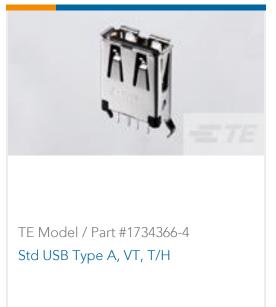
Also in the Series | SCHRACK Miniature PCB Relay PE bistable





Customers Also Bought





















Documents

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_2-1415390-1_B.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_2-1415390-1_B.3d_igs.zip



English

Customer View Model

ENG_CVM_CVM_2-1415390-1_B.3d_stp.zip

English

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

Datasheets & Catalog Pages

Miniature PCB Relay PE bistable

English

Product Specifications

Definitions Relays

English

Agency Approvals

VDE Certificate

English