# 3-1415535-5 - ACTIVE

### SCHRACK | SCHRACK Miniature PCB Relay REL

TE Internal #: 3-1415535-5 Power Relays, Standard, Monostable, DC, 360 mW Coil Power Rating DC, 100 Ω Coil Resistance, SCHRACK Miniature PCB Relay REL

#### View on TE.com >





Power Relay Type: Standard

Coil Magnetic System: Monostable, DC

Coil Power Rating Class: 300 – 400 mW

Coil Power Rating DC: 360 mW

Coil Resistance:  $100 \Omega$ 

## Features



#### Product Type Features

Standard
2500 – 3000 V
1000 Vrms
5 A
5 A
5 A
3 – 5.5 mm
3000 Vrms
10000 MΩ
4 mm[.157 in]
5 A
Monostable, DC
300 – 400 mW

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Power Relays, Standard, Monostable, DC, 360 mW Coil Power Rating DC, 100  $\Omega$  Coil Resistance, SCHRACK Miniature PCB Relay REL



Coil Power Rating DC	360 mW
Coil Resistance	100 Ω
Coil Special Features	UL Coil Insulation Class F
Coil Voltage Rating	6 VDC
Contact Switching Load (Min)	10mA @ 12V
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 Plating Material	Silver Nickel
Contact Arrangement	1 Form A (NO)
Contact Current Class	5 – 10 A, 16 A
Contact Current Rating (Max)	5 A
Contact Material	AgNi90/10
Contact Number of Poles	1
Relay Terminal Type	PCB-THT
Mechanical Attachment	
Relay Mounting Type	Printed Circuit Board
Dimensions	
Length Class (Mechanical)	20 – 25 mm
Insulation Clearance Class	2.5 – 4 mm
Height Class (Mechanical)	11 – 12 mm
Insulation Clearance Between Contact & Coil	4 mm[.157 in]
Width Class (Mechanical)	10 – 12 mm
Product Width	10.7 mm[.421 in]
Product Length	20.7 mm[.815 in]
Product Height	12 mm[.472 in]
Usage Conditions	
Environmental Ambient Temperature Class	70 – 85 °C
Environmental Ambient Temperature (Max)	85 °C[185 °F]

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#### 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 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 2022 (224) Candidate List Declared Against: JUNE 2022 (224) 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 # 3-1415535-6 REL34012

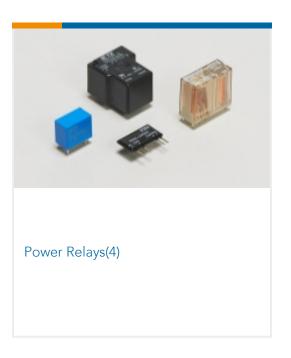
## Also in the Series | SCHRACK Miniature PCB Relay REL

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## Documents

CAD Files Customer View Model ENG\_CVM\_CVM\_3-1415535-5\_D2.3d\_igs.zip

English

Customer View Model

ENG\_CVM\_CVM\_3-1415535-5\_D2.3d\_stp.zip

English

Customer View Model

ENG\_CVM\_CVM\_3-1415535-5\_D2.2d\_dxf.zip

English

3D PDF

3D

Datasheets & Catalog Pages Miniature PCB Relay REL

English

Product Specifications Definitions, Handling, Processing, Testing and Use of Relays

English