

SCHRACK | SCHRACK Miniature Relay PT

TE Internal #: 5-1419111-2

General Purpose Power Relay, DC, Monostable, 2 Form C DPDT-

CO, 12 A Contact Rating, 12 VDC Coil Voltage, SCHRACK

Miniature Relay PT

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Relays & Contactors > Electromechanical Relays









Relay & Contactor Type: General Purpose Power Relay

Current Type: DC

Coil Magnetic System: Monostable

Contact Arrangement: 2 Form C DPDT-CO

Contact Current Rating: 12 A

Features

Product Type Features

Relay & Contactor Type	General Purpose Power Relay
Configuration Features	
Contact Number of Poles	2
Coil Special Features	UL Coil Insulation Class F
Contact Arrangement	2 Form C DPDT-CO
Electrical Characteristics	
Contact Limiting Short-Time Current	300 A
Contact Limiting Making Current	24 A
Contact Limiting Breaking Current	12 A
Insulation Initial Dielectric Between Open Contacts	1200 Vrms
Insulation Initial Dielectric Between Adjacent Contacts	2500 Vrms
Contact Switching Voltage (Max)	400 VAC
Contact Switching Load (Min)	10mA @ 12V
Coil Resistance	192 Ω
Contact Current Rating	12 A
Coil Voltage Rating	12 VDC
Contact Voltage Rating	240 VAC



Coil Power Rating DC	.75 W
Insulation Initial Dielectric Between Contacts & Coil	2500 Vrms
Body Features	
Product Weight	30 g[1.058 oz]
Enclosure Type	Flux Resistant Automatic Solder Capable
Contact Features	
Contact Material	AgNi90/10
ermination Features	
Main Termination & Connection Type	Solder Pins
Coil Termination & Connection Type	Solder Pins
Mechanical Attachment	
Product Mount Type	Board Mount
Dimensions	
Insulation Clearance Between Contact & Coil	3 mm
Insulation Creepage Between Contact & Coil	4 mm[.157 in]
Product Width	22.5 mm[.885 in]
Product Length	28 mm[1.1 in]
Product Height	30 mm[1.18 in]
Jsage Conditions	
Operating Temperature Range	-40 - 70 °C[-40 - 158 °F]
Environmental Category of Protection	RTII
Environmental Ambient Temperature (Max)	70 °C[158 °F]
Operation/Application	
Solder Process	Wave Solder Capable
Current Type	DC
Coil Magnetic System	Monostable
Packaging Features	
Packaging Method	Carton & Tube
Other	
Coil Power Rating Class	.6 – .8 W
Contact Current Class	10 – 20 A



Environmental Ambient Temperature Class	50 – 70 °C
Height Class (Mechanical)	25 – 30 mm
Length Class (Mechanical)	25 – 30 mm
Width Class (Mechanical)	20 – 25 mm

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 2025 (247) Candidate List Declared Against: JAN 2025 (247) 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

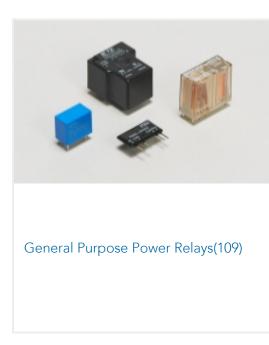
Compatible Parts





Also in the Series | SCHRACK Miniature Relay PT









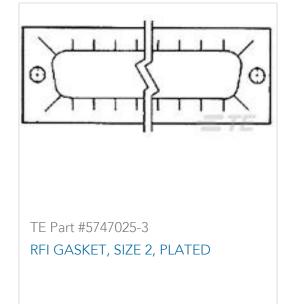
Customers Also Bought





















Documents

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_5-1419111-2_99.2d_dxf.zip

English

Customer View Model



ENG_CVM_CVM_5-1419111-2_99.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_5-1419111-2_99.3d_stp.zip

English

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

Datasheets & Catalog Pages

Miniature Relay PT

English

Product Specifications

Definitions General Purpose Relays

English

Agency Approvals

VDE Certificate

English