PT270110 ✔ ACTIVE

SCHRACK | SCHRACK Miniature Relay PT

TE Internal #: 4-1419111-5

Power Relays, General Purpose Power Relay, Monostable, .75 W Coil, 16133 Ω Coil Resistance, UL Coil Insulation Class F, SCHRACK Miniature Relay PT

View on TE.com >

Relays & Contactors > Relays > Power Relays







Relay Type: **General Purpose Power Relay**

Coil Magnetic System: **Monostable**

Coil Power Rating: **.75 W**

Coil Resistance: **16133 Ω**

Coil Special Features: **UL Coil Insulation Class F**

Features

Product Type Features

Relay Type	General Purpose Power Relay

Configuration Features

Coil Special Features	UL Coil Insulation Class F
Contact Arrangement	2 Form C (2 CO)
Number of Poles	2

Electrical Characteristics

Insulation Initial Dielectric Between Open Contacts	1200 Vrms
Contact Limiting Making Current	24 A
Contact Limiting Short-Time Current	300 A
Insulation Initial Dielectric Between Adjacent Contacts	2500 Vrms
Insulation Initial Dielectric Between Contacts & Coil	1200 Vrms
Contact Limiting Breaking Current	12 A
Coil Power Rating	.75 W
Coil Resistance	16133 Ω
Coil Voltage Rating	110 VDC
Contact Current Rating	12 A
Contact Switching Load (Min)	10mA @ 12V

Contact Switching Voltage (Max)	400 VAC
Contact Voltage Rating	240 VAC

Body Features

Product Weight	30 g[1.058 oz]

Contact Features

Contact Material	AgNi90/10

Termination Features

Relay Connection Type	Plug-In

Mechanical Attachment

Product Mount Type	Socket

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	29 mm[1.14 in]

Usage Conditions

Environmental Category of Protection	RTII
Environmental Ambient Temperature (Max)	70 °C[158 °F]
Operating Temperature Range	-40 – 70 °C

Operation/Application

Actuating System	DC
Coil Magnetic System	Monostable

Packaging Features

Packaging Method	Carton & Tube

Other

Length Class (Mechanical)	25 – 30 mm
Height Class (Mechanical)	25 – 30 mm
Coil Power Rating Class	600 – 800 mW
Width Class (Mechanical)	20 – 25 mm
Contact Current Class	10 – 20 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: JAN 2024 (240) Does not contain REACH SVHC
Halogen Content	Not Low Halogen - contains Br or Cl > 900 ppm.
Solder Process Capability	Hand solderable with lead free solder

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 # 1415526-1
PT78722



TE Part # 1393162-5
PT78603



TE Part # 6-1415034-1
PT78720



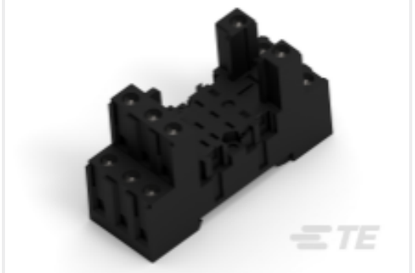
TE Part # 1-1415526-1
PT78742



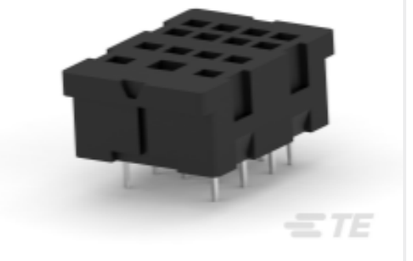
TE Part # 1860000-1
PT7874P



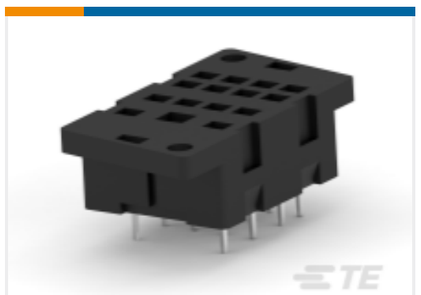
TE Part # 4-1415033-1
PT78740



TE Part # 9-1415071-1
PT78730



TE Part # 3-1415043-1
PT78604



TE Part # 4-1415043-1
PT78600



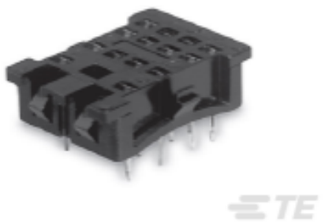
TE Part # 5-1415034-1
PT78741



TE Part # 5-1415043-1
PT78602

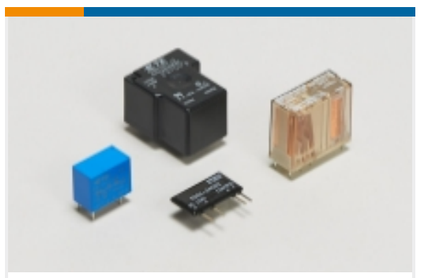


TE Part # 1860100-1
PT7872P



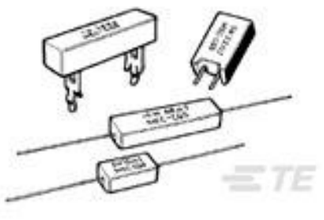
TE Part # 6-1415043-1
PT78601

Also in the Series | SCHRACK Miniature Relay PT



Power Relays(158)

Customers Also Bought



TE Part #1-1623782-3
SQM5 47K 5% (METAL FILM)



TE Part #6-1415034-1
PT78720



TE Part #280361
AMPMODU II REC. HSG, SINGLE ROW 8 POS



TE Part #6-1393243-3
RT424012



TE Part #1393219-3
PE014005



TE Part #7-1393243-0
RT424048



TE Part #292303-7
Std USB Type A, R/A, SMT, Offset, Natural

Documents

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_4-1419111-5_99.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_4-1419111-5_99.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_4-1419111-5_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