

1-1956171-4 ✓ ACTIVE

SCHRACK | SCHRACK Miniature Power PCB RYII

TE Internal #: 1-1956171-4

SCHRACK Miniature Power PCB RYII, Power Relays, Standard, Monostable, DC, 200 – 300mW Coil Power Rating Class, 230mW Coil Power Rating DC

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Relays, Contactors & Switches > Relays > Power Relays



Power Relay Type: **Standard**

Coil Magnetic System: **Monostable, DC**

Coil Power Rating Class: **200 – 300 mW**

Coil Power Rating DC: **230 mW**

Coil Resistance: **627 Ω**

Features

Product Type Features

Power Relay Type	Standard
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Electrical Characteristics

Insulation Initial Dielectric Between Coil & Contact Class	4000 V
Insulation Initial Dielectric Between Open Contacts	1000 Vrms
Contact Limiting Making Current	8 A
Contact Limiting Short-Time Current	8 A
Contact Limiting Continuous Current	8 A
Insulation Creepage Class	5.5 – 8 mm
Insulation Initial Dielectric Between Contacts & Coil	5000 Vrms
Insulation Creepage Between Contact & Coil	8 mm [.315 in]
Contact Limiting Breaking Current	8 A
Coil Magnetic System	Monostable, DC
Coil Power Rating Class	200 – 300 mW
Coil Power Rating DC	230 mW
Coil Resistance	627 Ω
Coil Special Features	UL Coil Insulation Class F
Coil Voltage Rating	12 VDC
Contact Switching Load (Min)	10mA @ 12V



Contact Switching Voltage (Max)	400 VAC
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Contact Voltage Rating	250 VAC
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Body Features

Insulation Special Features	Tracking Index of Relay Base PTI250
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Product Weight	8 g[.282 oz]
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Contact Features

Contact Arrangement	1 Form A (NO)
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Contact Current Class	5 – 10 A, 16 A
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Contact Current Rating (Max)	8 A
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Contact Material	AgNi0.15
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Contact Number of Poles	1
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Relay Terminal Type	PCB-THT
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Mechanical Attachment

Relay Mounting Type	Printed Circuit Board
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Dimensions

Length Class (Mechanical)	25 – 30 mm
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Insulation Clearance Class	5 – 8 mm
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Height Class (Mechanical)	12 – 13 mm
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Insulation Clearance Between Contact & Coil	8 mm[.315 in]
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Width Class (Mechanical)	10 – 12 mm
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Product Width	10.1 mm[.398 in]
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Product Length	28.5 mm[1.122 in]
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Product Height	12.3 mm[.484 in]
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Usage Conditions

Environmental Ambient Temperature Class	50 – 70 °C
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Environmental Ambient Temperature (Max)	70 °C[158 °F]
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Packaging Features

Packaging Method	Reel
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Product Compliance

For compliance documentation, visit the product page on [TE.com](https://www.te.com)>

EU RoHS Directive 2011/65/EU	Compliant
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EU ELV Directive 2000/53/EC	Out of Scope
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: JUL 2021 (219) Candidate List Declared Against: JAN 2021 (211) SVHC > Threshold: Not Yet Reviewed
Halogen Content	Not Low Halogen - contains Br or Cl > 900 ppm.
Solder Process Capability	Pin-in-Paste capable to 260°C

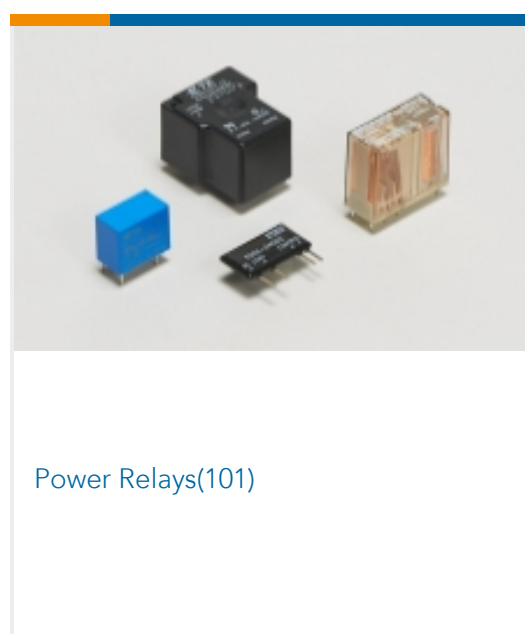
Product Compliance Disclaimer

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 Power PCB RYII



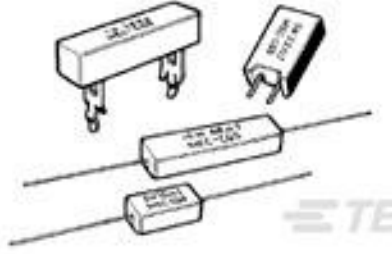
Customers Also Bought



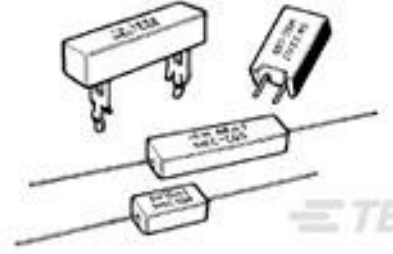
TE Part #5787170-9
100 50SR R/A RCP ASSY,RDSN L/F



TE Part #5414373-1
JACK,PCB,50 OHM,BNC



TE Part #1623778-5
SPS7 R68 5%



TE Part #1623794-7
SQP7 33R 5% Wire



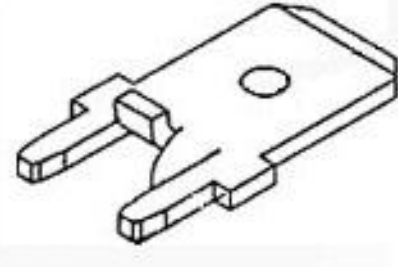
TE Part #6339160-1
MJ,RJ45,SMT,SHLD,PANEL GRD



TE Part #2-1440002-9
OZ-SS-124LM1,200



TE Part #3-1879216-4
CPF0402 180K 0.1% 25PPM 1K RL



TE Part #1217421-1
250 FASTON,PCB TAB,TNBR



TE Part #1630370-1
R5000 10R 10%

Documents

CAD Files

[3D PDF](#)

[3D](#)

[Customer View Model](#)

[ENG_CVM_CVM_1-1956171-4_A.2d_dxf.zip](#)

English

[Customer View Model](#)

[ENG_CVM_CVM_1-1956171-4_A.3d_igs.zip](#)

English

[Customer View Model](#)

[ENG_CVM_CVM_1-1956171-4_A.3d_stp.zip](#)

English

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Datasheets & Catalog Pages

[Industrial Relays Quick Reference Guide](#)

English



Industrial Relays Quick Reference Guide

Japanese

Industrial Relays Quick Reference Guide

Product Specifications

Definitions, Handling, Processing, Testing and Use of Relays

English

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