

9-1415899-1 ✓ ACTIVE

SCHRACK | SCHRACK Power PCB Relay RZ

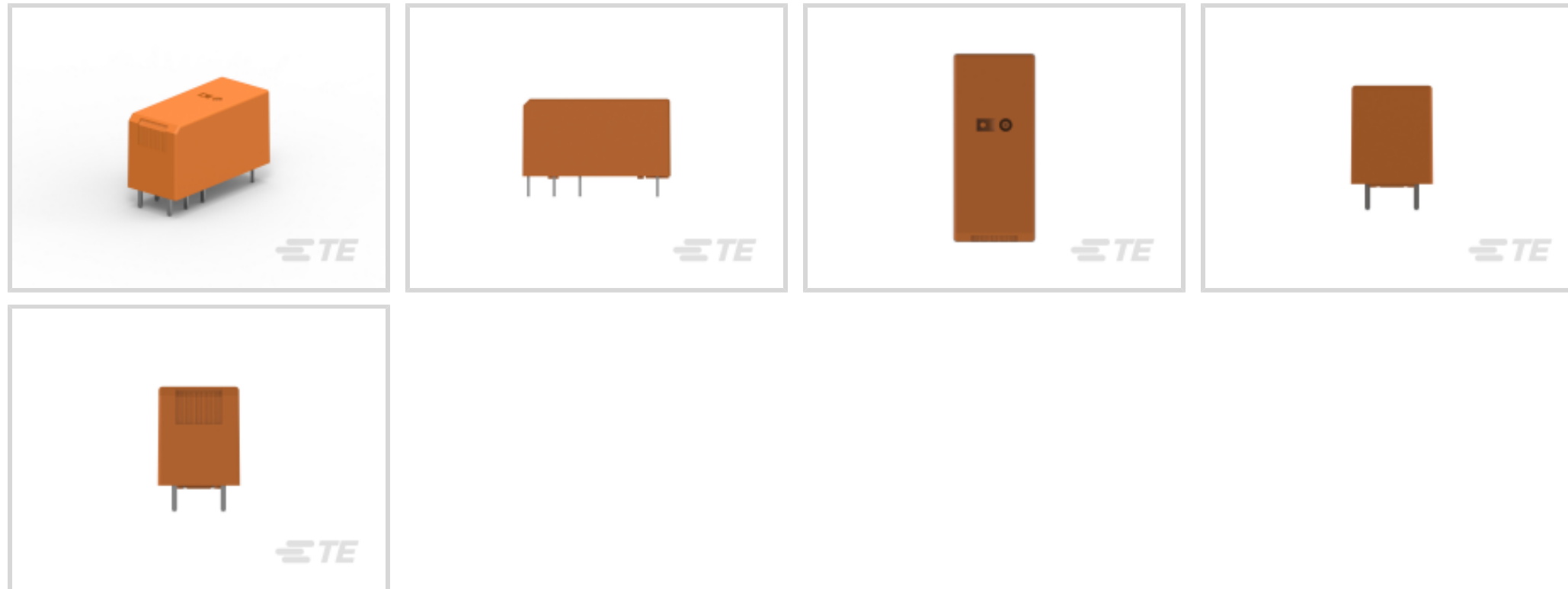
TE Internal #: 9-1415899-1

SCHRACK Power PCB Relay RZ, Power Relays, Standard,
Monostable, DC, 400 – 500mW Coil Power Rating Class, 400mW
Coil Power Rating DC

[View on TE.com >](#)



Relays, Contactors & Switches > Relays > Power Relays > PCB Power Relay: 12-16 Amp, Monostable



Power Relay Type: **Standard**

Coil Magnetic System: **Monostable, DC**

Coil Power Rating Class: **400 – 500 mW**

Coil Power Rating DC: **400 mW**

Coil Resistance: **1440 Ω**

[All PCB Power Relay: 12-16 Amp, Monostable \(86\)](#)

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	16 A
Insulation Creepage Between Contact & Coil	10 mm
Insulation Creepage Class	8 mm
Contact Limiting Continuous Current	16 A
Insulation Initial Dielectric Between Contacts & Coil	5000 Vrms
Contact Limiting Breaking Current	16 A
Coil Magnetic System	Monostable, DC
Coil Power Rating Class	400 – 500 mW
Coil Power Rating DC	400 mW

Coil Resistance	1440 Ω
Coil Special Features	UL Coil Insulation Class F
Coil Voltage Rating	24 VDC
Contact Switching Voltage (Max)	300 VDC
Contact Voltage Rating	300 VDC

Body Features

Insulation Special Features	Tracking Index of Relay Base PTI250
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Contact Features

Contact Arrangement	1 Form A (NO)
Contact Current Class	10 – 20 A, 16 A
Contact Current Rating (Max)	16 A
Contact Material	AgNi90/10
Contact Number of Poles	1
Terminal Type	PCB-THT

Mechanical Attachment

Relay Mounting Type	Printed Circuit Board
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Dimensions

Length Class (Mechanical)	25 – 30 mm
Insulation Clearance Class	9 – 10 mm
Height Class (Mechanical)	15 – 16 mm
Insulation Clearance Between Contact & Coil	10 mm[.394 in]
Width Class (Mechanical)	12 – 16 mm
Product Width	12.7 mm[.5 in]
Product Length	29 mm[1.142 in]
Product Height	15.7 mm[.618 in]

Usage Conditions

Environmental Ambient Temperature (Max)	85 °C[185 °F]
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Packaging Features

Packaging Method	Box & Tube
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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 2021 (211) Candidate List Declared Against: JAN 2021 (211) Does not contain REACH SVHC
Halogen Content	Not Low Halogen - contains Br or Cl > 900 ppm.
Solder Process Capability	Not reviewed for solder process capability

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 # 1860306-1
RT78725



TE Part # 1860200-1
RT7872P



TE Part # CAT-SCH691-R997
PCB Power Relay: 12-16 Amp,
Monostable

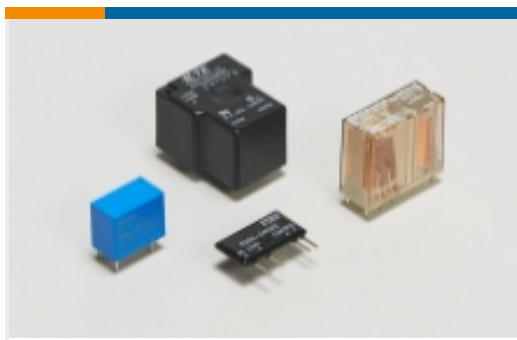


TE Part # 6-1415035-1
RT78726



TE Part # 1860991-1
RT78602, RELAY SOCKET PCB 5MM

Also in the Series | **SCHRACK Power PCB Relay RZ**



Power Relays(103)

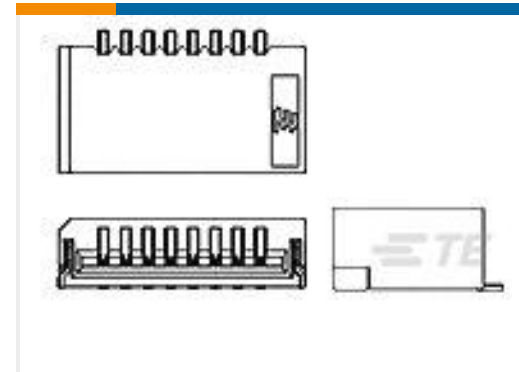
Customers Also Bought



TE Part #1-2176054-2
Thick Film Resistor: Current Sense



TE Part #1-770743-1
10P MINI UMNL HDR ASSY VRT LF



TE Part #1-84981-6
1MM FFC SMT H ASSY 16P EMBOSS



TE Part #1-770182-1
09P MINI UMNL ASSY VO SNAU LF



TE Part #1623927-4
CFR16 5% 10K



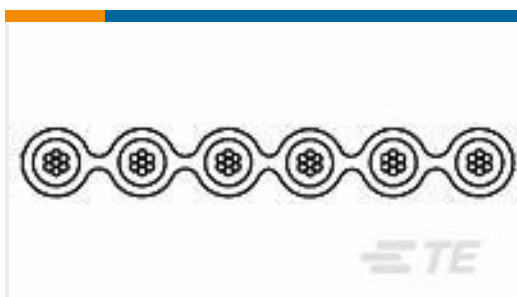
TE Part #1586958-1
03P UMNL PIN HDR ASSY NATL, GW



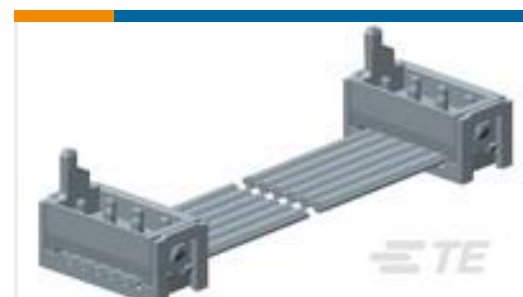
TE Part #1-881545-1
AMP SHUNT ASSY



TE Part #1-644752-9
19P MTA156 HDR ASSY SQ STR F/L



TE Part #971111-4
34W FRC MADISON SPEC 100-4703
REV. 7



TE Part #1483351-1
MICRO-MATCH LEAD 06P 100MM

Documents

[CAD Files](#)

[3D PDF](#)

[3D](#)

[Customer View Model](#)

[ENG_CVM_CVM_9-1415899-1_A.2d_dxf.zip](#)

English

[Customer View Model](#)

[ENG_CVM_CVM_9-1415899-1_A.3d_igs.zip](#)



English

Customer View Model

[ENG_CVM_CVM_9-1415899-1_A.3d_stp.zip](#)

English

By downloading the CAD file I accept and agree to the [Terms and Conditions](#) of use.

Datasheets & Catalog Pages

[Schrack Power PCB Relay RZ Series flyer](#)

English

[Power PCB Relay RZ Datasheet](#)

English

[Industrial Relays Quick Reference Guide](#)

English

[Industrial Relays Quick Reference Guide](#)

Japanese

[Industrial Relays Quick Reference Guide](#)

[Schrack Power PCB Relay RZ Series flyer](#)

[Schrack Power PCB Relay RZ Series flyer \(Chinese\)](#)

Product Specifications

[Definitions, Handling, Processing, Testing and Use of Relays](#)

English

Agency Approvals

[VDE Certificate](#)

English