

9-1415536-1 ✓ ACTIVE

SCHRACK | SCHRACK SR6 Z

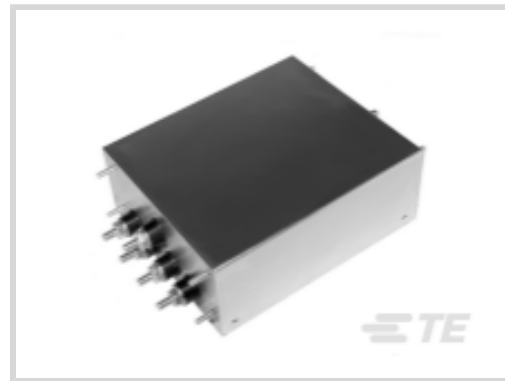
TE Internal #: 9-1415536-1

SCHRACK SR6 Z, Power Relays, Force-Guided, Monostable, DC,  
600 – 800mW Coil Power Rating Class, 700mW Coil Power Rating  
DC, 823Ω Coil Resistance

[View on TE.com >](#)



Relays, Contactors & Switches > Relays > Power Relays > Force Guided Power Relay, DIN-rail



Power Relay Type: **Force-Guided**

Coil Magnetic System: **Monostable, DC**

Coil Power Rating Class: **600 – 800 mW**

Coil Power Rating DC: **700 mW**

Coil Resistance: **823 Ω**

[All Force Guided Power Relay, DIN-rail \(20\)](#)

## Features

### Product Type Features

Power Relay Type	Force-Guided
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### Electrical Characteristics

Insulation Initial Dielectric Between Coil & Contact Class	3500 – 4000 V
Insulation Initial Dielectric Between Open Contacts	1500 Vrms
Contact Limiting Making Current	6 A
Contact Limiting Short-Time Current	6 A
Contact Limiting Continuous Current	6 A
Insulation Creepage Class	5.5 – 8 mm
Insulation Initial Dielectric Between Adjacent Contacts	2000 Vrms
Insulation Initial Dielectric Between Contacts & Coil	4000 Vrms
Insulation Creepage Between Contact & Coil	8 mm [.315 in]
Contact Limiting Breaking Current	6 A
Coil Magnetic System	Monostable, DC
Coil Power Rating Class	600 – 800 mW
Coil Power Rating DC	700 mW
Coil Resistance	823 Ω



Coil Special Features	Electrical Indicator, LED
Coil Voltage Rating	24 VDC
Contact Switching Load (Min)	10mA @ 5V
Contact Switching Voltage (Max)	250 VAC
Contact Voltage Rating	250 VAC

### Body Features

Product Weight	50 g[1.765 oz]
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### Contact Features

Contact Special Features	Force Guided Contacts
Contact Arrangement	2 Form C (CO)
Contact Current Class	5 – 10 A
Contact Current Rating (Max)	6 A
Contact Material	AgNi
Contact Number of Poles	2
Terminal Type	Screwless Clamp Connectors

### Mechanical Attachment

Relay Mounting Type	DIN Rail
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### Dimensions

Length Class (Mechanical)	60 mm
Insulation Clearance Class	5 – 8 mm
Height Class (Mechanical)	50 mm
Insulation Clearance Between Contact & Coil	8 mm[.315 in]
Width Class (Mechanical)	16 – 20 mm
Product Width	20 mm[.787 in]
Product Length	87 mm[3.425 in]
Product Height	64 mm[2.52 in]

### Usage Conditions

Environmental Ambient Temperature Class	-25 – 50 °C
Environmental Ambient Temperature (Max)	50 °C[122 °F]

### Packaging Features

Packaging Method	Box & Carton
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### Other



Comment	Well suited for emergency shut-off, machine control, elevator and escalator control, light barrier control
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## Product Compliance

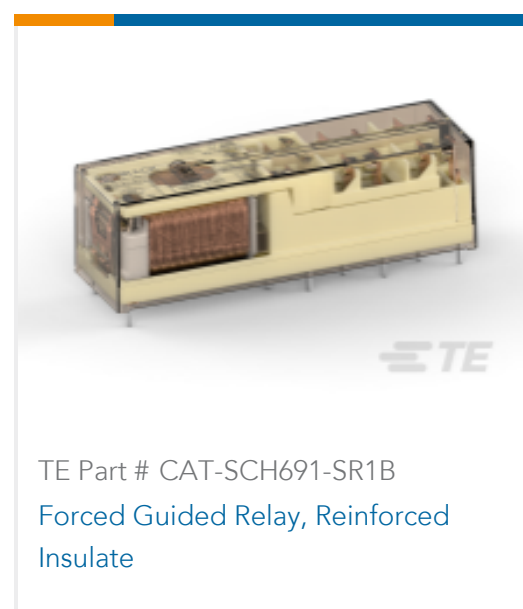
[For compliance documentation, visit the product page on TE.com>](#)

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 2020 (205) SVHC > Threshold: 4,4'-isopropylidenediphenol (Bisphenol A) (.3% in component part) <b>Article Safe Usage Statements:</b> Do not eat, drink or smoke when using this product. Wash thoroughly after handling. Recycle if possible and dispose of the article by following all applicable governmental regulations relevant to your geographic location.
Halogen Content	Not Low Halogen - contains Br or Cl > 900 ppm.
Solder Process Capability	Not applicable for solder process capability

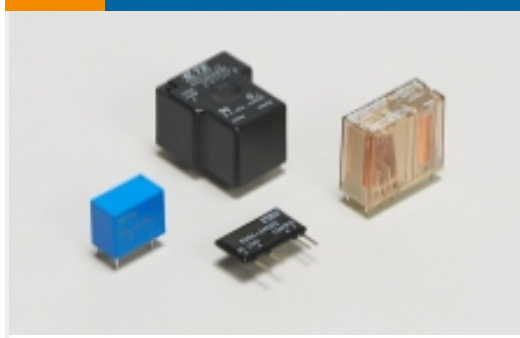
### Product Compliance Disclaimer

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

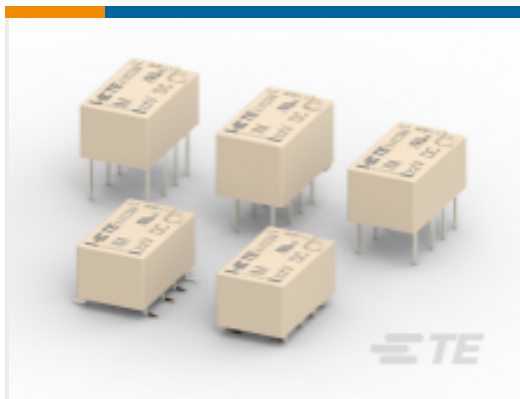


## Also in the Series | SCHRACK SR6 Z



Power Relays(20)

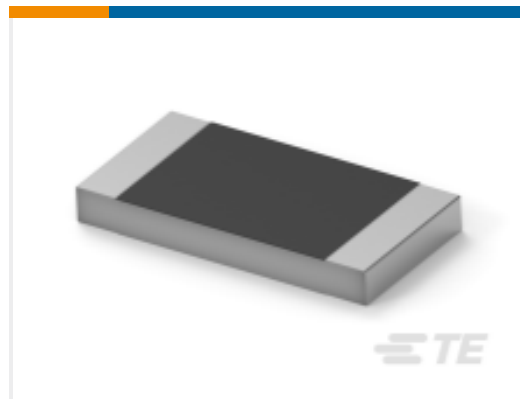
## Customers Also Bought



TE Part #1462039-2  
 Standard Signal Relay 2 Form C,2 CO  
 Cont



TE Part #2-1825098-0  
 TPCF13C004



TE Part #2-2176157-5  
 Metal Chip Resistor: Current Sense



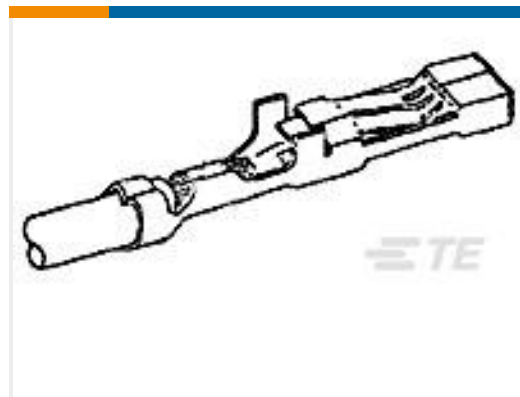
TE Part #2-1623773-6  
 C10 47K 5% (LOOSE)



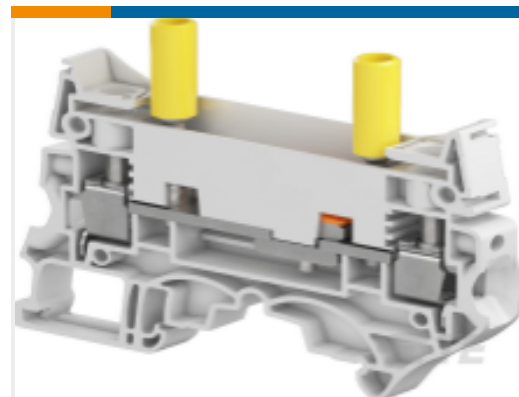
TE Part #1614349-6  
 RN 0603 10K2 0.1% 10PPM CUT  
 LENGTH



TE Part #ZPF000000000136481  
 NGC RECEPTACLE - MALE



TE Part #170289-3  
 MIC REC LP



TE Part #1SNK508311R0000  
 ZS10-ST-T4



TE Part #1924580-1  
 ASSEMBLY SOCKET LOOSE PC GOLD



TE Part #1924579-1  
 PIN CONTACT AU PLATED - loose  
 piece

## Documents

[CAD Files](#)

[3D PDF](#)

[3D](#)

[Customer View Model](#)

[ENG\\_CVM\\_CVM\\_9-1415536-1\\_A.2d\\_dxf.zip](#)

[English](#)

[Customer View Model](#)



[ENG\\_CVM\\_CVM\\_9-1415536-1\\_A.3d\\_igs.zip](#)

English

**Customer View Model**

[ENG\\_CVM\\_CVM\\_9-1415536-1\\_A.3d\\_stp.zip](#)

English

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

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## Datasheets & Catalog Pages

[Safety Relay Module SR2Z](#)

English

[Industrial Relays Quick Reference Guide](#)

English

[Industrial Relays Quick Reference Guide](#)

Japanese

[Industrial Relays Quick Reference Guide](#)

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## Product Specifications

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

English