8-1415537-0 ✔ ACTIVE

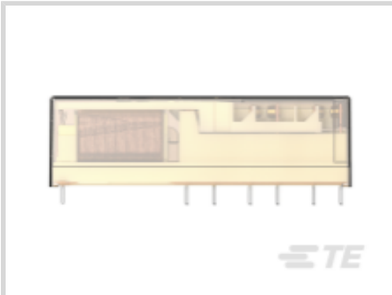
SCHRACK | SCHRACK SR6

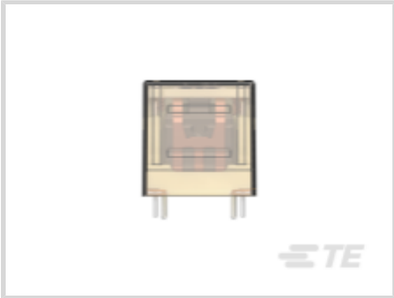
TE Internal #: 8-1415537-0

Power Relays, Force-Guided, 800 mW Coil Power Rating DC, 720 Ω Coil Resistance, 24 VDC Coil Voltage, 4 Form A (NO) + 2 Form B (NC), SCHRACK SR6

View on TE.com >

Relays & Contactors > Relays > Power Relays > Force Guided Relay with 6 contacts





Relay Type: **Force-Guided**

Coil Power Rating DC: **800 mW**

Coil Resistance: **720 Ω**

Coil Voltage Rating: **24 VDC**

Contact Arrangement: **4 Form A (NO) + 2 Form B (NC)**

All Force Guided Relay with 6 contacts (115)

Features

Product Type Features

Relay Type	Force-Guided

Configuration Features

Contact Special Features	Force Guided Contacts
Contact Arrangement	4 Form A (NO) + 2 Form B (NC)
Contact Number of Poles	6

Electrical Characteristics

Insulation Initial Dielectric Between Open Contacts	1500 Vrms
Insulation Initial Dielectric Between Adjacent Contacts	3000 Vrms
Insulation Initial Dielectric Between Contacts & Coil	4000 Vrms
Coil Power Rating DC	800 mW
Coil Resistance	720 Ω
Coil Voltage Rating	24 VDC

Contact Current Rating	8 A
Contact Switching Load (Min)	10mA @ 5V
Contact Switching Voltage (Max)	400 VAC
Contact Voltage Rating	250 VAC

Body Features

Product Weight	30 g[1.058 oz]

Contact Features

Contact Material	AgSnO2+Au

Termination Features

Relay Connection Type	PCB Termination
Terminal Configuration	Solder Pins

Mechanical Attachment

Product Mount Type	Printed Circuit Board

Dimensions

Insulation Clearance Between Contact & Coil	5.5 mm[.217 in]
Insulation Creepage Between Contact & Coil	5.5 mm[.217 in]
Product Width	16.5 mm[.649 in]
Product Length	55 mm[2.16 in]
Product Height	16.5 mm[.649 in]

Usage Conditions

Environmental Ambient Temperature (Max)	70 °C[158 °F]
Operating Temperature Range	-25 – 70 °C[-13 – 158 °F]

Packaging Features

Packaging Method	Box & Tube

Other

Length Class (Mechanical)	50 – 60 mm
Height Class (Mechanical)	15 – 20 mm
Coil Power Rating Class	600 – 800 mW
Width Class (Mechanical)	16 – 20 mm
Contact Current Class	5 – 10 A

Product Compliance

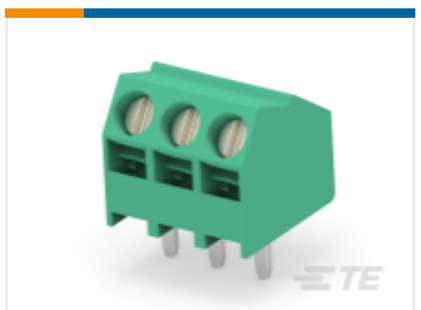
For compliance documentation, visit the product page on TE.com>

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: JAN 2024 (240) 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	Wave solder 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

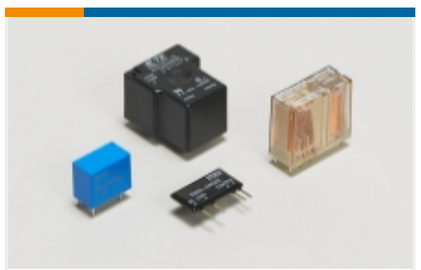
Compatible Parts



TE Part # 1546556-3
3P,STACKABLE,55 DEG,3.5MM

TE Part # 2-1558737-8
SR6-426-L024

Also in the Series | SCHRACK SR6

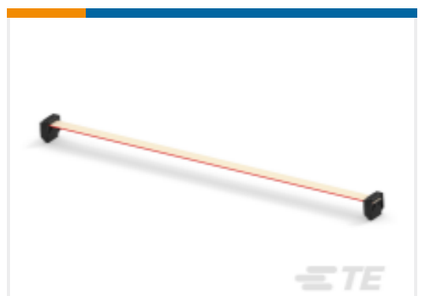


Power Relays(151)

Customers Also Bought

TE Part #520460-1
4 SDL RND SHIELD,TOP,BULK PKG

TE Part #2286211-3
HIGH CURRENT SPRING FINGER



TE Part #173800-E
IDCCS SMC 1,27 12 * AU AUI 200 PVC

TE Part #254897-E
STVC 96 F ABC VVV 7-00 TL 4,0 * 137 E007

TE Part #L9000025-01
Antenna 1/4 Wave R-Angle 2.4GHz RPS

TE Part #594211-E
STVSKO C F 181 ABGE * 50 LP-5 1,00 * * *

Documents

CAD Files

3D PDF

3D

Customer View Model
ENG_CVM_CVM_8-1415537-0_D.2d_dxf.zip

English

Customer View Model
ENG_CVM_CVM_8-1415537-0_D.3d_igs.zip

English

Customer View Model
ENG_CVM_CVM_8-1415537-0_D.3d_stp.zip

English

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

Datasheets & Catalog Pages

SR6-A-B-C-V

English

Product Specifications

Definitions General Purpose Relays

English

Agency Approvals

VDE Certificate

English