SR4D4012 ✔ ACTIVE

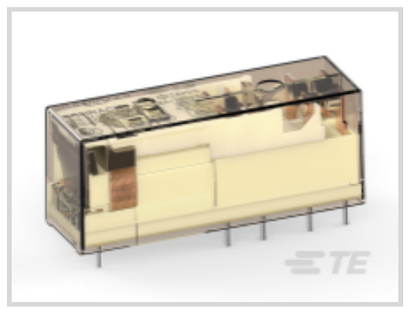
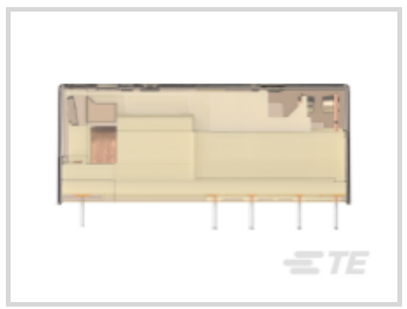
SCHRACK | SCHRACK SR4

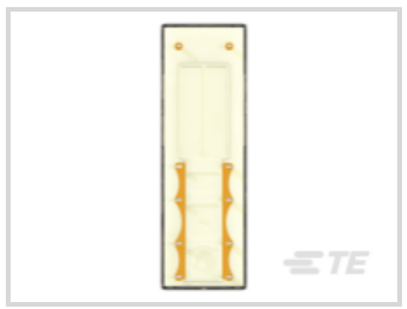
TE Internal #: 1415055-1

Force-Guided Relay, DC, Monostable, 2A (NO) + 2B (NC), 8 A Contact Rating, 12 VDC Coil Voltage, 250 VAC Contact Voltage, .8 W Coil Power, SCHRACK SR4

View on TE.com >

Relays & Contactors > Electromechanical Relays > Force Guided Relay with 4 contacts





Relay & Contactor Type: **Force-Guided Relay**

Coil Magnetic System: **Monostable**

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

Current Type: **DC**

Contact Current Rating: **8 A**

All Force Guided Relay with 4 contacts (26)

Features

Product Type Features

Relay & Contactor Type	Force-Guided Relay

Configuration Features

Contact Number of Poles	4
Contact Arrangement	2A (NO) + 2B (NC)

Electrical Characteristics

Contact Limiting Short-Time Current	8 A
Contact Limiting Making Current	8 A
Contact Limiting Continuous Current	8 A
Contact Limiting Breaking Current	8 A
Insulation Initial Dielectric Between Open Contacts	1500 Vrms
Insulation Initial Dielectric Between Adjacent Contacts	2500 Vrms
Coil Current	.067 A

Contact Switching Voltage (Max)	400 VAC
Contact Switching Load (Min)	10mA @ 5V
Coil Resistance	180 Ω
Contact Current Rating	8 A
Coil Voltage Rating	12 VDC
Contact Voltage Rating	250 VAC
Coil Power Rating DC	.8 W
Insulation Initial Dielectric Between Contacts & Coil	4000 Vrms

Body Features

Product Weight	30 g[1.058 oz]
Enclosure Type	Flux Resistant Automatic Solder Capable & Washable

Contact Features

Contact Material	AgSnO2

Termination Features

Main Termination & Connection Type	Solder Pins
Coil Termination & Connection Type	Solder Pins

Mechanical Attachment

Product Mount Type	Board Mount

Dimensions

Insulation Clearance Between Contact & Coil	10 mm[.394 in]
Insulation Creepage Between Contact & Coil	10 mm[.394 in]
Product Width	13.1 mm[.516 in]
Product Length	40.1 mm[1.57 in]
Product Height	16.6 mm[.653 in]

Usage Conditions

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

Operation/Application

Coil Magnetic System	Monostable
Current Type	DC

Product Availability

Product Availability	Worldwide

Packaging Features

Packaging Method	Box & Tube, Tube

Other

Coil Power Rating Class	>.6 – ≤1 W
Contact Current Class	>5 – ≤10 A
Height Class (Mechanical)	>16 – ≤22 mm[>.63 – ≤.866 in]
Length Class (Mechanical)	>33 – ≤45 mm[>1.299 – ≤1.772 in]
Width Class (Mechanical)	>11 – ≤14 mm[>.433 – ≤.551 in]

Product Compliance

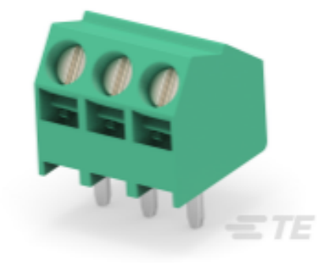
For compliance documentation, visit the product page on TE.com>

EU RoHS Directive 2011/65/EU	Compliant
EU ELV Directive 2000/53/EC	Compliant
China RoHS 2 Directive MIIT Order No 32, 2016	有害物质含量符合标准要求 No Restricted Substance(s) Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2025 (250) Candidate List Declared Against: JUNE 2025 (250) 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

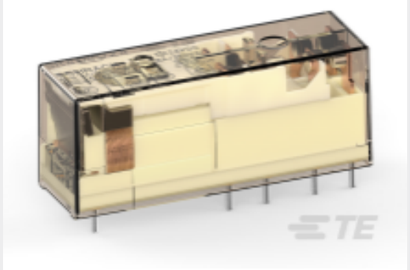
Product Compliance Disclaimer

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

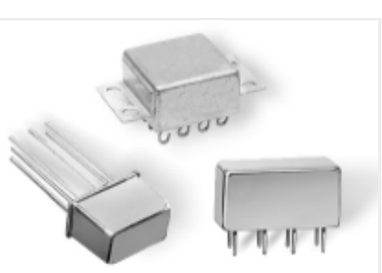


TE Part # 1546556-3
3P,STACKABLE,55 DEG,3.5MM



TE Part # 2071571-4
SR4D4012

Also in the Series | SCHRACK SR4



DC Relays(26)



Electromechanical Relays(26)



Force Guided Relays(26)

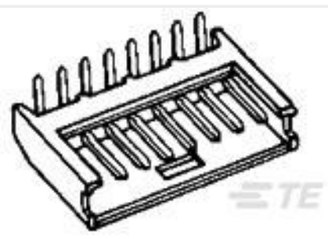
Customers Also Bought



TE Part #L000551-02
FPC ANT, VDP, 100mm, MHF, LPWAN 868HMz



TE Part #170263-1
EIS CONTACT



TE Part #280380-1
8P AMPMODU II SHRD HDR, RT ANG, TIN



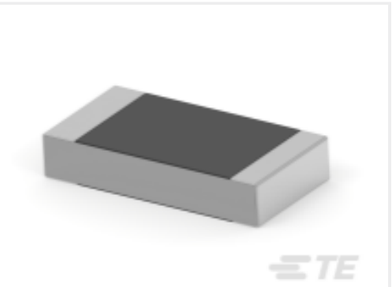
TE Part #CAT-SCH691-SR1B
Force Guided Relay with 6 contacts



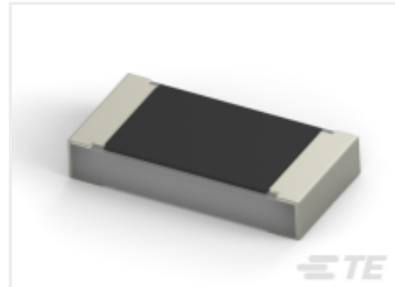
TE Part #1-1614883-5
CPF 0805 4R7 0.1% 25PPM 5K RL



TE Part #9-1614884-3
CPF 0805 30K 0.1% 25PPM 1K RL



TE Part #2-1614886-4
CPF 0805 49R9 0.1% 25PPM 5K RL



TE Part #1614960-8
CPF 0805 1R0 0.1% 25ppm 5K RL



TE Part #3-1622820-5
3520 2R7 5%

Documents

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_1415055-1_F.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_1415055-1_F.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_1415055-1_F.3d_stp.zip

English

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

Datasheets & Catalog Pages

FORCE GUIDED RELAY SR4

English

Product Specifications

Definitions General Purpose Relays

English

Agency Approvals

VDE Certificate

English