2-1558736-4 ✔ ACTIVE

SCHRACK | SCHRACK SR6

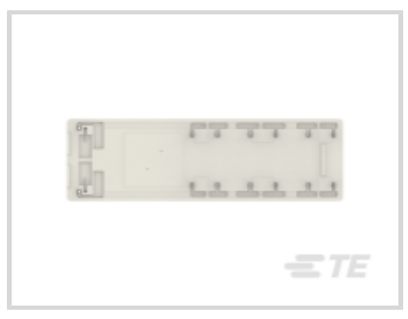
TE Internal #: 2-1558736-4

Force-Guided Relay, 3A (NO) + 3B (NC), 8 A Contact Rating, 12 VDC Coil Voltage, 277 VAC Contact Voltage, .7 W Coil Power, Board Mount, SCHRACK SR6

View on TE.com >

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





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

Contact Arrangement: **3A (NO) + 3B (NC)**

Contact Current Rating: **8 A**

Coil Voltage Rating: **12 VDC**

Contact Voltage Rating: **277 VAC**

All Force Guided Relay with 6 contacts (75)

Features

Product Type Features

Relay & Contactor Type	Force-Guided Relay

Configuration Features

Contact Number of Poles	6
Contact Arrangement	3A (NO) + 3B (NC)

Electrical Characteristics

Insulation Initial Dielectric Between Open Contacts	1500 Vrms
Insulation Initial Dielectric Between Adjacent Contacts	3000 Vrms
Contact Switching Voltage (Max)	400 VAC
Contact Switching Load (Min)	1mA @ 5V
Coil Resistance	205 Ω
Contact Current Rating	8 A
Coil Voltage Rating	12 VDC

Contact Voltage Rating	277 VAC
Coil Power Rating DC	.7 W
Insulation Initial Dielectric Between Contacts & Coil	4000 Vrms

Body Features

Product Weight	29.5 g[1.041 oz]
Enclosure Type	Flux Resistant Automatic Solder Capable & Washable

Contact Features

Contact Plating Material	Gold
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	5.6 mm[.22 in]
Insulation Creepage Between Contact & Coil	5.6 mm[.22 in]
Product Width	16.5 mm[.649 in]
Product Length	55 mm[2.16 in]
Product Height	15.7 mm[.618 in]

Usage Conditions

Operating Temperature Range	-40 – 85 °C[-40 – 185 °F]
Environmental Category of Protection	RTIII
Environmental Ambient Temperature (Max)	85 °C[185 °F]

Operation/Application

Solder Process	Wave Solder Capable

Product Availability

Product Availability	Worldwide

Packaging Features

Packaging Method	Box & Tube

Other

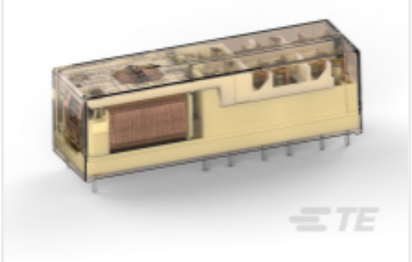
Coil Power Rating Class	.6 – .8 W
Contact Current Class	5 – 10 A
Environmental Ambient Temperature Class	70 – 85 °C
Height Class (Mechanical)	15 – 16 mm
Length Class (Mechanical)	50 – 60 mm
Width Class (Mechanical)	16 – 20 mm

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 2025 (247) Candidate List Declared Against: JAN 2025 (247) 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

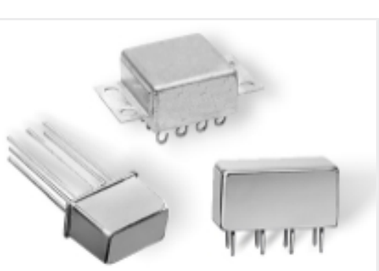
Compatible Parts



TE Part # 6-1415537-1
SR6A6K12

Also in the Series | SCHRACK SR6

AC Relays(7)



DC Relays(16)

Electromechanical Relays(95)

Force Guided Relays(95)

Documents

CAD Files

Customer View Model
ENG_CVM_CVM_2-1558736-4_A.3d_igs.zip
English

Customer View Model
ENG_CVM_CVM_2-1558736-4_A.3d_stp.zip
English

Customer View Model
ENG_CVM_CVM_2-1558736-4_A.2d_dxf.zip
English

3D PDF
3D

Datasheets & Catalog Pages

Force Guided Relay SR6 Next Generation
English

Product Specifications

Definitions General Purpose Relays
English

Agency Approvals

UL
English