2045880-4 ✔ ACTIVE

SCHRACK | SCHRACK SRL7

TE Internal #: 2045880-4

Force-Guided Relay, DC, Monostable, 5A (NO) + 2B (NC), 6 A Contact Rating, 12 VDC Coil Voltage, 250 VAC Contact Voltage, .7 W Coil Power, SCHRACK SRL7

View on TE.com >

Relays & Contactors > Electromechanical Relays > Force Guided Relay with 7 contacts



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

Coil Magnetic System: **Monostable**

Contact Arrangement: **5A (NO) + 2B (NC)**

Current Type: **DC**

Contact Current Rating: **6 A**

All Force Guided Relay with 7 contacts (8)

Features

Product Type Features

Relay & Contactor Type	Force-Guided Relay

Configuration Features

Contact Number of Poles	7
Contact Arrangement	5A (NO) + 2B (NC)

Electrical Characteristics

Contact Limiting Short-Time Current	25 A
Contact Limiting Making Current	25 A
Contact Limiting Continuous Current	6 A
Contact Limiting Breaking Current	6 A
Insulation Initial Dielectric Between Open Contacts	1000 Vrms
Insulation Initial Dielectric Between Adjacent Contacts	2500 Vrms, 4000 Vrms
Contact Switching Voltage (Max)	400 VAC
Contact Switching Load (Min)	10mA @ 5V
Coil Resistance	206 Ω
Contact Current Rating	6 A
Coil Voltage Rating	12 VDC

Contact Voltage Rating	250 VAC
Coil Power Rating DC	.7 W
Insulation Initial Dielectric Between Contacts & Coil	2500 Vrms, 4000 Vrms

Body Features

Product Weight	33 g[1.164 oz]
Enclosure Type	Flux Resistant Automatic Solder Capable

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	5.5 mm[.217 in]
Insulation Creepage Between Contact & Coil	3 mm, 4 mm, 5.5 mm[.217 in]
Product Width	33.8 mm[1.331 in]
Product Length	54.45 mm[2.14 in]
Product Height	10.8 mm[.425 in]

Usage Conditions

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

Operation/Application

Coil Magnetic System	Monostable
Current Type	DC

Product Availability

Product Availability	Worldwide

Packaging Features

Packaging Method	Box & Tray

Other

Coil Power Rating Class	>.6 – ≤1 W
Contact Current Class	>5 – ≤10 A
Height Class (Mechanical)	>7 – ≤11 mm[>.276 – ≤.433 in]
Length Class (Mechanical)	>45 – ≤70 mm[>1.772 – ≤2.756 in]
Width Class (Mechanical)	>33 mm[>1.299 in]

Product Compliance

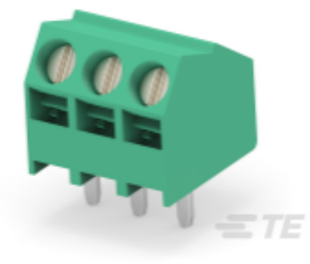
For compliance documentation, visit the product page on TE.com>

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



TE Part # 2-2045880-4
SRL7-523-D012-0010

Also in the Series | SCHRACK SRL7

DC Relays(4)

Electromechanical Relays(4)

Force Guided Relays(4)

Customers Also Bought



TE Part #66103-4
III+ PIN,24-20,30AU/FL,LP



TE Part #66105-4
III+ SKT,24-20,30AU/FL,LP



TE Part #206043-1
RECEPT,SZ 17-14 CPC



TE Part #206044-1
CPC PLUG ASSEMBLY SIZE 17-14



TE Part #1-320551-2
TERMINAL,PIDG R IR 22 8

Documents

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_2045880-4_B.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_2045880-4_B.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_2045880-4_B.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 SRL7 flyer

English

Definitions General Purpose Relays

English

Force Guided Relay SRL7

English

Product Specifications

Definitions General Purpose Relays

English

Agency Approvals

VDE Certificate

English