

2045880-6 ✓ ACTIVE

SCHRACK | SCHRACK SRL7

TE Internal #: 2045880-6

Force-Guided Relay, Monostable, .7 W Coil, 463 ohm Coil

Resistance, 18 VDC Coil Voltage, 5A (NO) + 2B (NC), SCHRACK

SRL7, Power Relays

[View on TE.com >](#)



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



Relay Type: **Force-Guided Relay**

Coil Magnetic System: **Monostable**

Coil Power Rating DC: **.7 W**

Coil Resistance: **463  $\Omega$**

Coil Voltage Rating: **18 VDC**

[All Force Guided Relay with 7 contacts \(8\)](#)

## Features

### Product Type Features

Relay Type	Force-Guided Relay
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### Configuration Features

Contact Special Features	Force Guided Contacts
Contact Arrangement	5A (NO) + 2B (NC)
Contact Number of Poles	7

### Electrical Characteristics

Insulation Initial Dielectric Between Open Contacts	1000 Vrms
Contact Limiting Making Current	6 A
Contact Limiting Short-Time Current	6 A
Contact Limiting Continuous Current	6 A
Insulation Initial Dielectric Between Adjacent Contacts	2500 Vrms, 4000 Vrms
Insulation Initial Dielectric Between Contacts & Coil	2500 Vrms, 4000 Vrms
Contact Limiting Breaking Current	6 A
Coil Power Rating DC	.7 W
Coil Resistance	463 $\Omega$
Coil Voltage Rating	18 VDC



Contact Current Rating	6 A
Contact Switching Load (Min)	10mA @ 5V
Contact Switching Voltage (Max)	400 VAC
Contact Voltage Rating	250 VAC

### Body Features

Product Weight	33 g[1.164 oz]
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### Contact Features

Contact Material	AgSnO2
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### Termination Features

Relay Connection Type	PCB Termination
Terminal Configuration	Solder Pins

### Mechanical Attachment

Product Mount Type	Printed Circuit Board
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### 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[1.33 in]
Product Length	54.45 mm[2.14 in]
Product Height	10.8 mm[.425 in]

### Usage Conditions

Environmental Category of Protection	RTII
Environmental Ambient Temperature (Max)	85 °C[185 °F]

### Operation/Application

Current Type	DC
Coil Magnetic System	Monostable

### Product Availability

Product Availability	Worldwide
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### Packaging Features

Packaging Method	Box & Tray
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### Other

Length Class (Mechanical)	50 – 60 mm
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Environmental Ambient Temperature Class	-25 – 85 °C
Height Class (Mechanical)	10 – 11 mm
Coil Power Rating Class	.6 – .8 W
Width Class (Mechanical)	30 – 40 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: JUNE 2024 (241) Candidate List Declared Against: JUNE 2024 (241) 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

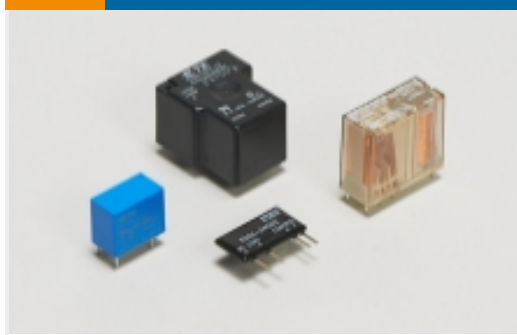
#### Product Compliance Disclaimer

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

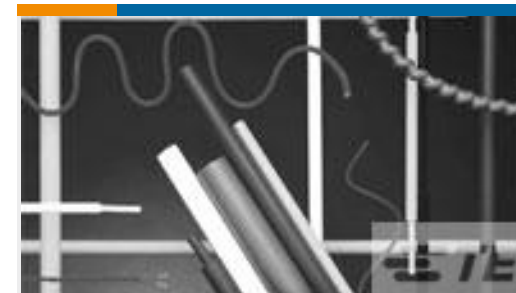
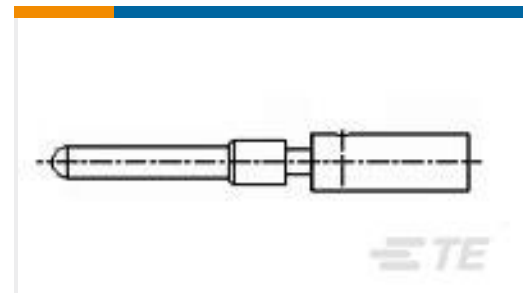
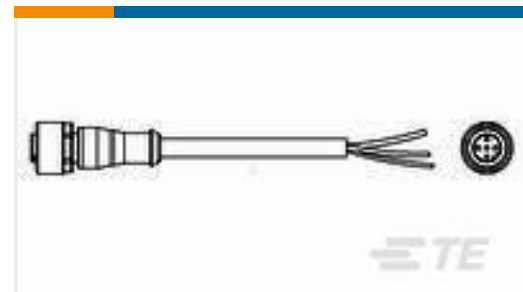


## Also in the Series | SCHRACK SRL7



Power Relays(4)

## Customers Also Bought

TE Part #164532-4  
15P.HDP20 REC.ASSY.TE Part #6-1415027-1  
SR6D4024TE Part #5100668-1  
Z-PACK M.ASSY.154P.TE Part #5069844021  
CGPT-6.4/3.2-0-SPTE Part #166051-1  
24-20 AWG HD-20 SOCKETTE Part #5-1437720-5  
T01-CRIMP-P05=TRIADTE Part #1622796-6  
YR1 0.1% 10KTE Part #2314868-2  
2P,2MM,BB,REC,SRVT,2.0,0.1AU,TUBE  
W/CAPTE Part #CB7837-000  
RW-200-3/16-0-SPTE Part #1-2273035-1  
M12 x 1.0 straight socket pigt A

## Documents

### CAD Files

3D PDF

3D

Customer View Model

[ENG\\_CVM\\_CVM\\_2045880-6\\_B.2d\\_dxf.zip](#)

English

Customer View Model



[ENG\\_CVM\\_CVM\\_2045880-6\\_B.3d\\_igs.zip](#)

English

**Customer View Model**

[ENG\\_CVM\\_CVM\\_2045880-6\\_B.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

[Force Guided Relay SRL7 flyer](#)

English

[Force Guided Relay SRL7](#)

English

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### Product Specifications

[Definitions General Purpose Relays](#)

English

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### Agency Approvals

[VDE Certificate](#)

English