2-1415012-1 ✔ ACTIVE

SCHRACK | SCHRACK SR2

TE Internal #: 2-1415012-1

Power Relays, Force-Guided, Monostable, DC, 700 mW Coil Power Rating DC, 17285 Ω Coil Resistance, 110 VDC Coil Voltage, SCHRACK SR2

View on TE.com >

Relays & Contactors > Relays > Power Relays > Force Guided Relay with 2 contacts

Relay Type: **Force-Guided**

Coil Magnetic System: **Monostable, DC**

Coil Power Rating DC: **700 mW**

Coil Resistance: **17285 Ω**

Coil Voltage Rating: **110 VDC**

All Force Guided Relay with 2 contacts (33)

Features

Product Type Features

Relay Type	Force-Guided

Configuration Features

Contact Special Features	Force Guided Contacts
Contact Arrangement	1 Form A (NO) + 1 Form B (NC)
Contact Number of Poles	2

Electrical Characteristics

Insulation Initial Dielectric Between Open Contacts	1500 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	3000 Vrms
Insulation Initial Dielectric Between Contacts & Coil	4000 Vrms
Contact Limiting Breaking Current	6 A
Coil Power Rating DC	700 mW
Coil Resistance	17285 Ω
Coil Voltage Rating	110 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	20 g[.706 oz]

Contact Features

Contact Material	AgNi

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	8 mm[.315 in]
Insulation Creepage Between Contact & Coil	8 mm[.315 in]
Product Width	12.6 mm[.496 in]
Product Length	29 mm[1.14 in]
Product Height	25.5 mm[1 in]

Usage Conditions

Environmental Ambient Temperature (Max)	70 °C[158 °F]

Operation/Application

Coil Magnetic System	Monostable, DC

Packaging Features

Packaging Method	Box & Tube, Tube

Other

Length Class (Mechanical)	25 - 30 mm
Insulation Initial Dielectric Between Coil & Contact Class	3500 - 4000 V
Environmental Ambient Temperature Class	-25 - 70 °C
Insulation Creepage Class	5.5 - 8 mm
Insulation Clearance Class	5 - 8 mm
Height Class (Mechanical)	25 - 30 mm

Coil Power Rating Class	600 - 800 mW
Width Class (Mechanical)	12 - 16 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: JUL 2021 (219) 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

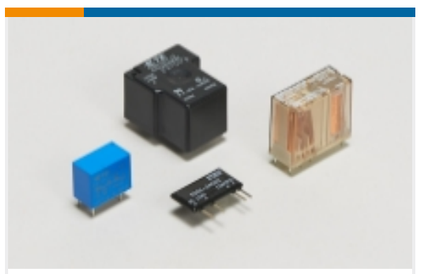
Product Compliance Disclaimer

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

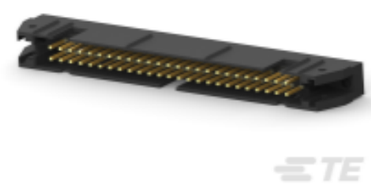
TE Part # 8-1415543-0
V23047-P1110-A501

Also in the Series | SCHRACK SR2



Power Relays(33)

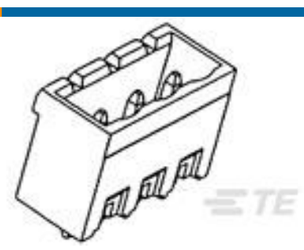
Customers Also Bought



TE Part # 5499374-6
AMP-LATCH UNIVERSAL HEADERS

TE Part # 9-1415018-1
SR6A4110 - V23050-A1110-A533

TE Part # 1-1393258-5
V23047-A1024-A501



TE Part # 796636-6
6POS 5.08MM CE VRT HDR,TRM BLK

TE Part # 53242-1
PG SPR SPD 22-16COM22-18MIL 10

TE Part # 7-1393114-8
KUHP-11D51-24=KU

TE Part # 1393240-6
RT314615

TE Part # 1825095-2
TP11CGPC204

TE Part # 1-1393127-6
PRD-11AH0-120=PRD

Documents

CAD Files

3D PDF

3D

Customer View Model
ENG_CVM_CVM_2-1415012-1_C.2d_dxf.zip

English

Customer View Model
ENG_CVM_CVM_2-1415012-1_C.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_2-1415012-1_C.3d_stp.zip

English

Datasheets & Catalog Pages

SR2M

English

Product Specifications

Definitions General Purpose Relays

English

Agency Approvals

VDE Certificate

English