# V23061B1002A301 ✔ ACTIVE

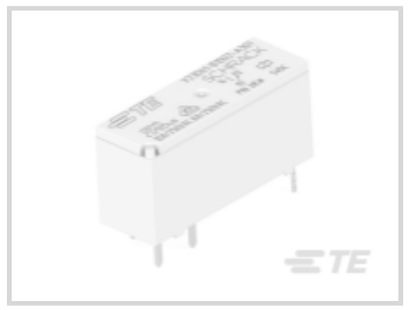
SCHRACK | SCHRACK Low Power PCB Relays

TE Internal #: 7-1393222-2

General Purpose Power Relay, DC, Monostable, 1 Form C SPDT-CO, 8 A Contact Rating, 5 VDC Coil Voltage, SCHRACK Low Power PCB Relays

View on TE.com >

Relays & Contactors > Electromechanical Relays







Relay & Contactor Type: **General Purpose Power Relay**

Coil Magnetic System: **Monostable**

Contact Arrangement: **1 Form C SPDT-CO**

Current Type: **DC**

Contact Current Rating: **8 A**

## Features

### Product Type Features

| | |
|---|---|
| Relay & Contactor Type | General Purpose Power Relay |

### Configuration Features

| | |
|---|---|
| Contact Number of Poles | 1 |
| Coil Special Features | UL Coil Insulation Class A |
| Contact Arrangement | 1 Form C SPDT-CO |

### Electrical Characteristics

| | |
|---|---|
| Contact Limiting Short-Time Current | 8 A |
| Contact Limiting Making Current | 10 A |
| Contact Limiting Continuous Current | 8 A |
| Contact Limiting Breaking Current | 8 A |
| Contact Switching Voltage (Max) | 400 VAC |
| Contact Switching Load (Min) | 100mA @ 12V |
| Coil Resistance | 118 Ω |
| Contact Current Rating | 8 A |

| | |
|---|---|
| Coil Voltage Rating | 5 VDC |
| Contact Voltage Rating | 250 VAC |
| Coil Power Rating DC | .212 W |
| Insulation Initial Dielectric Between Contacts & Coil | 4000 Vrms |

## Body Features

| | |
|---|---|
| Product Weight | 9.4 g[.388 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 Creepage Between Contact & Coil | 8 mm[.315 in] |
| Product Width | 10 mm[.394 in] |
| Product Length | 30 mm[1.181 in] |
| Product Height | 15 mm[.59 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 |
| Coil Magnetic System | Monostable |
| Current Type | DC |

## Packaging Features

| | |
|---|---|
| Packaging Method | Tube |

## Other

| | |
|---|---|
| Coil Power Rating Class | >.2 – ≤.3 W |

| | |
|---|---|
| Contact Current Class | >5 – ≤10 A |
| Height Class (Mechanical) | >14 – ≤16 mm[>.551 – ≤.63 in] |
| Length Class (Mechanical) | >22 – ≤33 mm[>.866 – ≤1.299 in] |
| Width Class (Mechanical) | >7 – ≤11 mm[>.276 – ≤.433 in] |

## Product Compliance

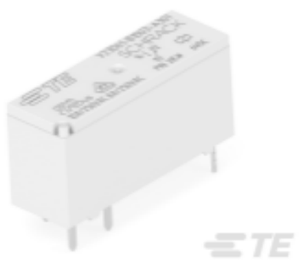
For compliance documentation, visit the product page on TE.com>

| | |
|---|---|
| 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)<br>Candidate List Declared Against: JUNE 2025 (250)<br>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

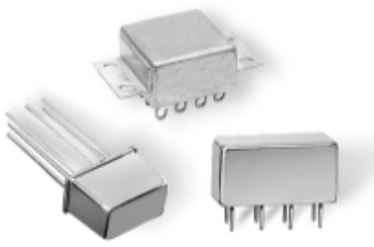
This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight 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 # 3-1416200-8
V23061B1003A301

## Also in the Series | SCHRACK Low Power PCB Relays



DC Relays(20)

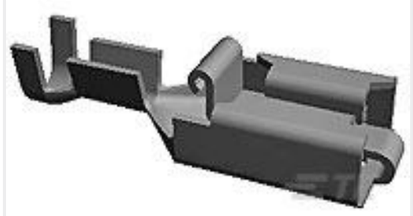


Electromechanical Relays(20)

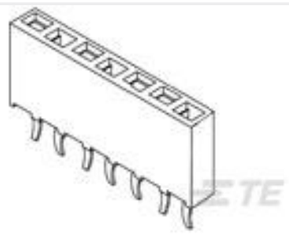
## Customers Also Bought



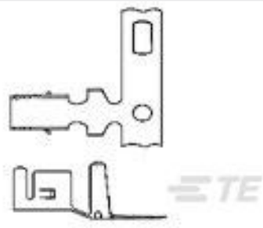
TE Part #800740-SF
FN282B-6-06



TE Part #160831-4
PL REC 1.0-2.5 MM2 .0160 X 2.060 TPPHBZ



TE Part #1-215297-5
15P HV100 REC CON. TE, 7.0MM



TE Part #3-794037-1
MINI AMP-IN PTP PHBZ 10AWG



TE Part #925819-3
MINI AMP-IN 26-22 AWG



TE Part #926965-1
STC REC 6.3 Contact SRC Sn



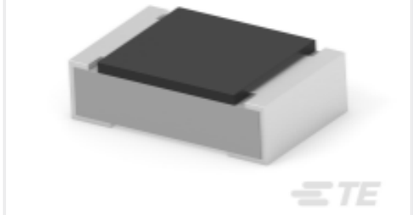
TE Part #1-1415899-3
RZ03-1A4-D005



TE Part #3-1614884-8
CPF 0805 75R 0.1% 25PPM 1K RL



TE Part #1-1622796-7
YR1 0.1% 210K



TE Part #9-2176571-2
RLC73K 2A R59 1% 1K RL

## Documents

### CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_7-1393222-2_A.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_7-1393222-2_A.3d_igs.zip

English

### Customer View Model

ENG_CVM_CVM_7-1393222-2_A.3d_stp.zip

English

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

## Datasheets & Catalog Pages

Miniature Power PCB Relay MSR

English

## Product Specifications

Definitions General Purpose Relays

English

## Agency Approvals

VDE Certificate

English