# 1956024-3 ✔ ACTIVE

SCHRACK | SCHRACK Slimline PCB Relay SNR

TE Internal #: 1956024-3

Power Relays, General Purpose Power Relay, Monostable, 170 mW Coil Power Rating DC, 3390 Ω Coil Resistance, SCHRACK Slimline PCB Relay SNR

View on TE.com >

Relays & Contactors > Relays > Power Relays



Relay Type: **General Purpose Power Relay**

Coil Magnetic System: **Monostable**

Coil Power Rating DC: **170 mW**

Coil Resistance: **3390 Ω**

Coil Special Features: **UL Coil Insulation Class F**

## Features

### Product Type Features

| | |
|---|---|
| Relay Type | General Purpose Power Relay |

### Configuration Features

| | |
|---|---|
| Coil Special Features | UL Coil Insulation Class F |
| Contact Arrangement | 1 Form C (CO) |
| Contact Number of Poles | 1 |

### Electrical Characteristics

| | |
|---|---|
| Insulation Initial Dielectric Between Contacts & Coil | 1000 V |
| Contact Limiting Making Current | 10 A |
| Contact Limiting Short-Time Current | 6 A |
| Contact Limiting Continuous Current | 10 A |
| Contact Limiting Breaking Current | 6 A |
| Coil Power Rating DC | 170 mW |
| Coil Resistance | 3390 Ω |
| Coil Voltage Rating | 24 VDC |
| Contact Current Rating | 6 A |
| Contact Switching Load (Min) | 100mA @ 12V |
| Contact Switching Voltage (Max) | 400 VAC |
| Contact Voltage Rating | 250 VAC |

## Body Features

| | |
|---|---|
| Product Weight | 6 g[.2116 oz] |

## Contact Features

| | |
|---|---|
| Contact Plating Material | Gold |
| Contact Material | AgSnO2 |

## Termination Features

| | |
|---|---|
| Relay Connection Type | Plug-In |

## Mechanical Attachment

| | |
|---|---|
| Product Mount Type | Socket |

## Dimensions

| | |
|---|---|
| Insulation Creepage Between Contact & Coil | 8 mm[.315 in] |
| Product Width | 5 mm[.196 in] |
| Product Length | 28 mm[1.1 in] |
| Product Height | 15 mm[.59 in] |

## Usage Conditions

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

## Operation/Application

| | |
|---|---|
| Actuating System | DC |
| Coil Magnetic System | Monostable |

## 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 | 70 – 85 °C |
| Coil Power Rating Class | 150 – 200 mW |
| Width Class (Mechanical) | 0 – 6 mm |
| Contact Current Class | 16 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)<br>Candidate List Declared Against: JAN 2024 (240)<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

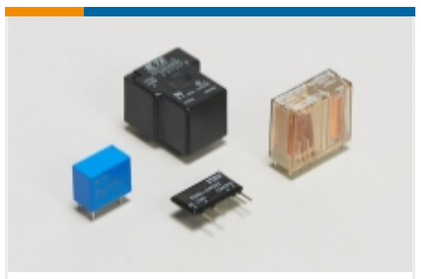
This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight 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 # 2-1416100-0
ST3FLC4

## Also in the Series | SCHRACK Slimline PCB Relay SNR



Power Relays(53)

## Customers Also Bought



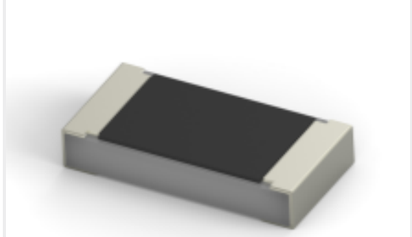
TE Part #8-215570-0
MICRO-MATCH PBC.10P



TE Part #640456-2
02P MTA100 HDR ASSY F/L SQ STR



TE Part #2-2013298-1
EMBOSS TAPE DDR3 204P 8H RVS



TE Part #1-1614958-6
CPF 0805 1R4 0.1% 25ppm 1K RL



TE Part #2-1416100-0
ST3FLC4

## Documents

### CAD Files

3D PDF

3D

Customer View Model
ENG_CVM_CVM_1956024-3_A.2d_dxf.zip

English

Customer View Model
ENG_CVM_CVM_1956024-3_A.3d_igs.zip

English

Customer View Model
ENG_CVM_CVM_1956024-3_A.3d_stp.zip

English

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

### Datasheets & Catalog Pages

Slim PCB Relay SNR

English

Relay Package SNR

English

### Product Specifications

Definitions General Purpose Relays

English

### Agency Approvals

VDE Certificate

English