

V23092A1048A302 ✓ ACTIVE



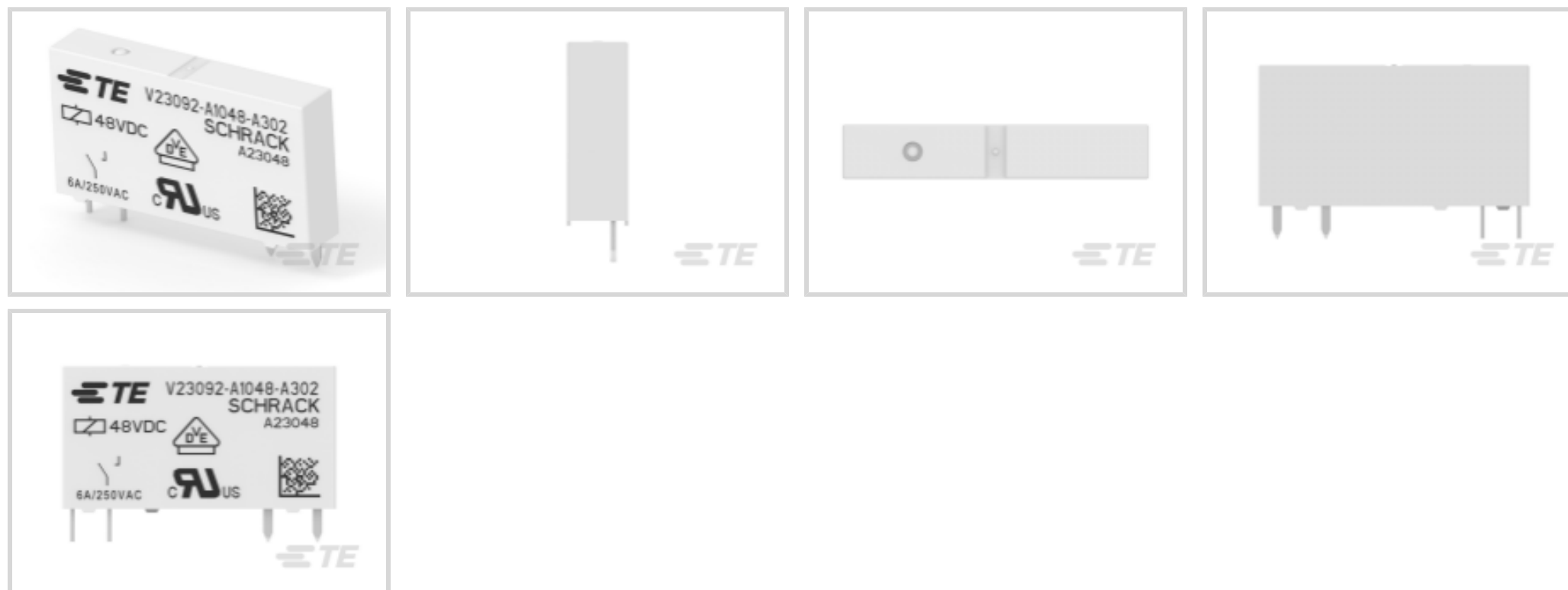
SCHRACK | SCHRACK Slimline PCB Relay SNR

TE Internal #: 3-1393236-8

General Purpose Power Relay, DC, Monostable, 1 Form A SPST-NO, 6 A Contact Rating, 48 VDC Coil Voltage, SCHRACK Slimline PCB Relay SNR

[View on TE.com >](#)

Relays & Contactors > Electromechanical Relays > SCHRACK SNR Slimline Relay Package



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

Coil Magnetic System: **Monostable**

Contact Arrangement: **1 Form A SPST-NO**

Current Type: **DC**

Contact Current Rating: **6 A**

[All SCHRACK SNR Slimline Relay Package \(41\)](#)

## Features

### Product Type Features

Relay & Contactor Type	General Purpose Power Relay
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### Configuration Features

Contact Number of Poles	1
Coil Special Features	UL Coil Insulation Class F
Contact Arrangement	1 Form A SPST-NO

### Electrical Characteristics

Contact Limiting Short-Time Current	6 A
Contact Limiting Making Current	10 A
Contact Limiting Continuous Current	10 A
Contact Limiting Breaking Current	6 A
Contact Switching Voltage (Max)	400 VAC
Contact Switching Load (Min)	100mA @ 12V



Coil Resistance	10600 $\Omega$
Contact Current Rating	6 A
Coil Voltage Rating	48 VDC
Contact Voltage Rating	250 VAC
Coil Power Rating DC	.217 W
Insulation Initial Dielectric Between Contacts & Coil	4000 Vrms

### Body Features

Product Weight	6 g[.2116 oz]
Enclosure Type	Flux Resistant Automatic Solder Capable & Washable

### Contact Features

Contact Plating Material	Gold
Contact Material	AgSnO <sub>2</sub>

### Termination Features

Main Termination & Connection Type	Solder Pins
Coil Termination & Connection Type	Solder Pins

### Mechanical Attachment

Product Mount Type	Board Mount
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### Dimensions

Insulation Creepage Between Contact & Coil	8 mm[.315 in]
Product Width	5 mm[.197 in]
Product Length	28 mm[1.102 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	Box & Tube, Tube
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**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 mm[≤.276 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	No Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2025 (250) Candidate List Declared Against: JAN 2025 (247) 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



DC Relays(49)



General Purpose Power Relays(49)



PCB Relays(39)

### Customers Also Bought



TE Part #103639-8  
09 MTE HDR SRST LATCH .100CL



TE Part #6-103639-0  
11 MTE HDR SRST LATCH .100CL



TE Part #1-440052-0  
2.5MM,HDR,10POS,VERTICAL,  
CONNECTOR



TE Part #826658-5  
5P AMPMODU II STIFT LEI



TE Part #9-1879745-1  
RP 1J 4K75 0.1% 15PPM CUT LENGTH



TE Part #2106053-6  
Assembly, Vertical SMT Header, 4-  
Positio



TE Part #1-2308273-2  
QL-SET VARA W/STP MO FOR  
COMBLOCK 440UNC



TE Part #1-1623714-5  
FCB4 2K2 5% HP



TE Part #2176316-6  
MELF SMA\_A 270R 0.1% 15PPM 0207  
1W



TE Part #2176316-8  
MELF SMA\_A 390R 0.1% 15PPM 0207  
1W



## Documents

### CAD Files

#### 3D PDF

3D

Customer View Model

[ENG\\_CVM\\_CVM\\_3-1393236-8\\_B.2d\\_dxf.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_3-1393236-8\\_B.3d\\_igs.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_3-1393236-8\\_B.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

### Product Specifications

#### Definitions General Purpose Relays

English

### Agency Approvals

#### VDE Certificate

English