



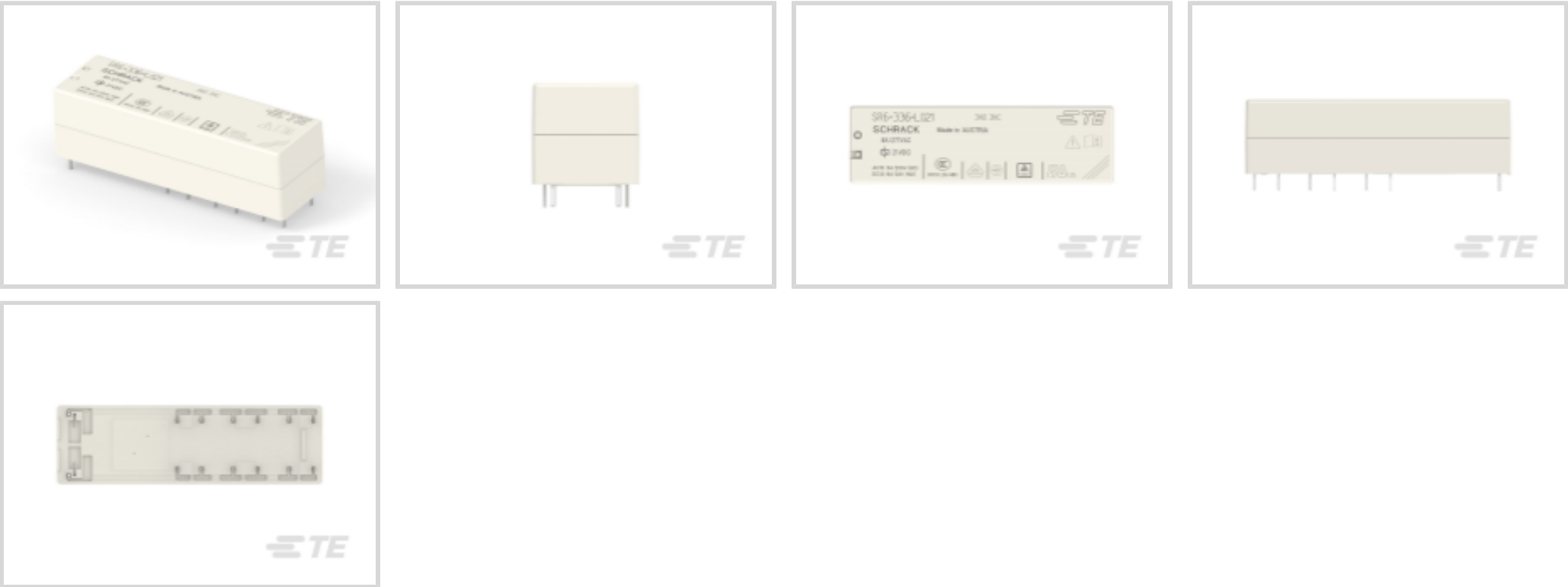
SCHRACK | SCHRACK SR6

TE Internal #: 2-1558736-7

Force-Guided Relay, Monostable, .7 W Coil, 21 VDC Coil Voltage,  
3A (NO) + 3B (NC), 8A Contact Current Rating, SCHRACK SR6,  
Power Relays

[View on TE.com >](#)

Relays & Contactors > Relays > Power Relays > Force Guided Relay with 6 contacts



Relay Type: **Force-Guided Relay**  
Coil Magnetic System: **Monostable**  
Coil Power Rating DC: **.7 W**  
Coil Voltage Rating: **21 VDC**  
Contact Arrangement: **3A (NO) + 3B (NC)**

[All Force Guided Relay with 6 contacts \(116\)](#)

Features

Product Type Features

|            |                    |
|------------|--------------------|
| Relay Type | Force-Guided Relay |
|------------|--------------------|

Configuration Features

|                         |                   |
|-------------------------|-------------------|
| Contact Arrangement     | 3A (NO) + 3B (NC) |
| Contact Number of Poles | 6                 |

Electrical Characteristics

|                                 |          |
|---------------------------------|----------|
| Coil Power Rating DC            | .7 W     |
| Coil Voltage Rating             | 21 VDC   |
| Contact Current Rating          | 8 A      |
| Contact Switching Load (Min)    | 1mA @ 5V |
| Contact Switching Voltage (Max) | 300 VDC  |
| Contact Voltage Rating          | 300 VDC  |

Body Features

|  |  |
|--|--|
|  |  |
|--|--|



|                       |         |
|-----------------------|---------|
| Primary Product Color | Natural |
|-----------------------|---------|

Contact Features

|                  |           |
|------------------|-----------|
| Contact Material | AgSnO2+Au |
|------------------|-----------|

Termination Features

|                        |                 |
|------------------------|-----------------|
| Relay Connection Type  | PCB Termination |
| Terminal Configuration | Solder Pins     |

Mechanical Attachment

|                    |                       |
|--------------------|-----------------------|
| Product Mount Type | Printed Circuit Board |
|--------------------|-----------------------|

Dimensions

|                |                  |
|----------------|------------------|
| Product Width  | 16.5 mm[.649 in] |
| Product Length | 55 mm[2.16 in]   |
| Product Height | 15.7 mm[.618 in] |

Operation/Application

|                      |             |
|----------------------|-------------|
| Solder Process       | Wave Solder |
| Current Type         | DC          |
| Coil Magnetic System | Monostable  |

Product Availability

|                      |           |
|----------------------|-----------|
| Product Availability | Worldwide |
|----------------------|-----------|

Packaging Features

|                  |            |
|------------------|------------|
| Packaging Method | Box & Tube |
|------------------|------------|

Other

|                         |          |
|-------------------------|----------|
| Coil Power Rating Class | .5 – 1 W |
| 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)<br>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 Regulations, TE’s information on SVHC in articles for this part number is still based on the European Chemical Agency (ECHA) ‘Guidance on requirements for substances in articles’(Version: 2, April 2011), applying the 0.1% weight on weight concentration threshold at the finished product level. TE is aware of the European Court of Justice ruling of September 10th, 2015 also known as O5A (Once An Article Always An Article) stating that, in case of ‘complex object’, the threshold for a SVHC must be applied to both the product as a whole and simultaneously to each of the articles forming part of its composition. TE has evaluated this ruling based on the new ECHA “Guidance on requirements for substances in articles” (June 2017, version 4.0) and will be updating its statements accordingly.

Compatible Parts



TE Part # 6-1415537-4  
SR6A6K21

Also in the Series | SCHRACK SR6



Power Relays(151)

Documents

- CAD Files
- Customer View Model
- ENG\_CVM\_CVM\_2-1558736-7\_A1.3d\_igs.zip



English

Customer View Model

[ENG\\_CVM\\_CVM\\_2-1558736-7\\_A1.3d\\_stp.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_2-1558736-7\\_A1.2d\\_dxf.zip](#)

English

3D PDF

3D

By downloading the CAD file I accept and agree to the [Terms and Conditions](#) of use.

Datasheets & Catalog Pages

[Force Guided Relay SR6 Next Generation](#)

English

Product Specifications

[Definitions General Purpose Relays](#)

English

Agency Approvals

[UL](#)

English