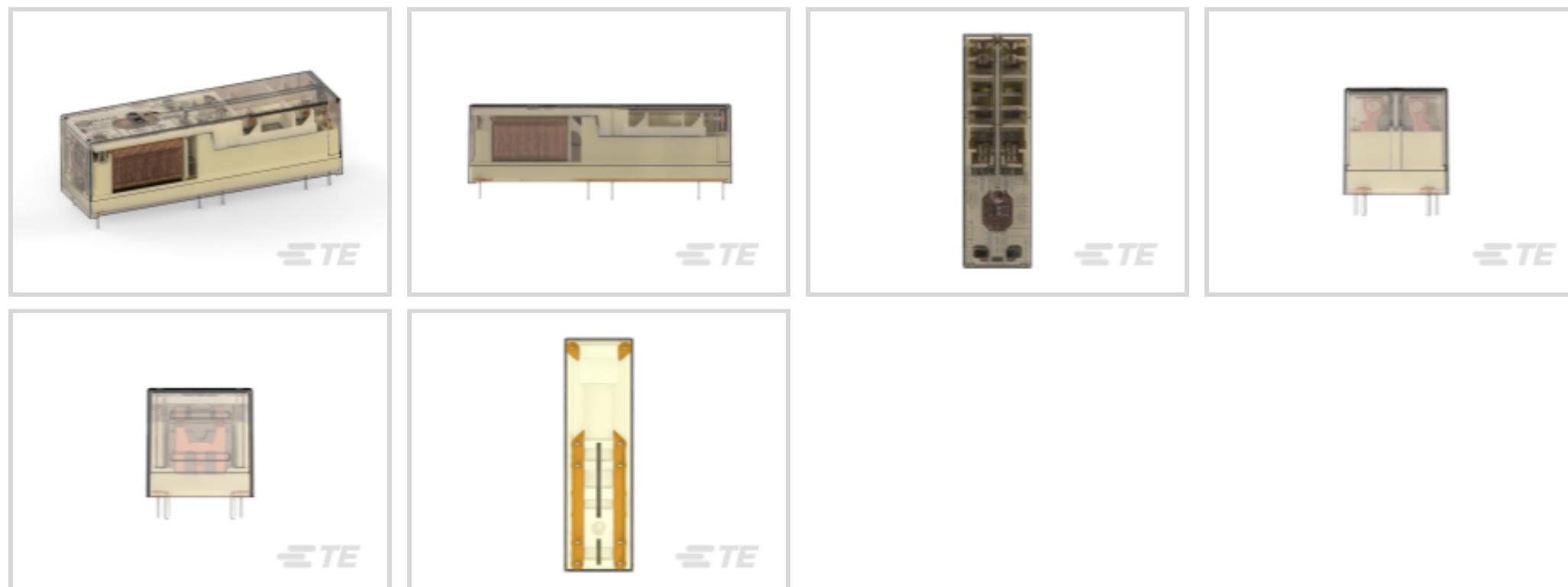


Relays &amp; Contactors &gt; Relays &gt; Power Relays &gt; Force Guided Relay with 4 high insulated contacts

Relay Type: **Force-Guided**Coil Power Rating DC: **1200 mW**Coil Resistance: **480 Ω**Coil Voltage Rating: **24 VDC**Contact Arrangement: **2 Form A (NO) + 2 Form B (NC)**[All Force Guided Relay with 4 high insulated contacts \(16\)](#)

## Features

### Product Type Features

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

### Configuration Features

Contact Special Features	Force Guided Contacts
Contact Arrangement	2 Form A (NO) + 2 Form B (NC)
Contact Number of Poles	4

### Electrical Characteristics

Insulation Initial Dielectric Between Open Contacts	1500 Vrms
Insulation Initial Dielectric Between Adjacent Contacts	3000 Vrms
Insulation Initial Dielectric Between Contacts & Coil	4000 Vrms
Coil Power Rating DC	1200 mW
Coil Resistance	480 Ω
Coil Voltage Rating	24 VDC

Contact Current Rating	8 A
Contact Switching Load (Min)	10mA @ 5V
Contact Switching Voltage (Max)	400 VAC
Contact Voltage Rating	250 VAC

#### Body Features

Product Weight	30 g[1.058 oz]
----------------	----------------

#### Contact Features

Contact Material	AgSnO2
------------------	--------

#### 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	5.5 mm[.217 in]
Insulation Creepage Between Contact & Coil	5.5 mm[.217 in]
Product Width	16.5 mm[.649 in]
Product Length	55 mm[2.16 in]
Product Height	16.5 mm[.649 in]

#### Usage Conditions

Environmental Ambient Temperature (Max)	70 °C[158 °F]
Operating Temperature Range	-25 - 70 °C[-13 - 158 °F]

#### Packaging Features

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

#### Other

Length Class (Mechanical)	50 - 60 mm
Height Class (Mechanical)	15 - 20 mm
Coil Power Rating Class	1000 - 1500 mW
Width Class (Mechanical)	16 - 20 mm
Contact Current Class	5 - 10 A

#### Product Compliance

For compliance documentation, visit the product page on [TE.com](https://www.te.com/compliance)>

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: JAN 2024 (240) 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

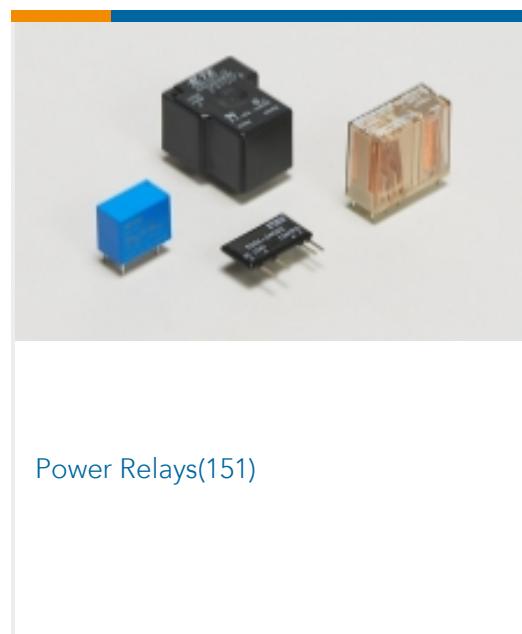
#### Product Compliance Disclaimer

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



## Also in the Series | SCHRACK SR6



Power Relays(151)

## Customers Also Bought



TE Part # NB-PTCO-164  
Pt1000, 2.0x2.3, Class A, PTFC102A1A0



TE Part # 2-1761606-7  
IDC LOW PRO HDR 20P VERT LG LA



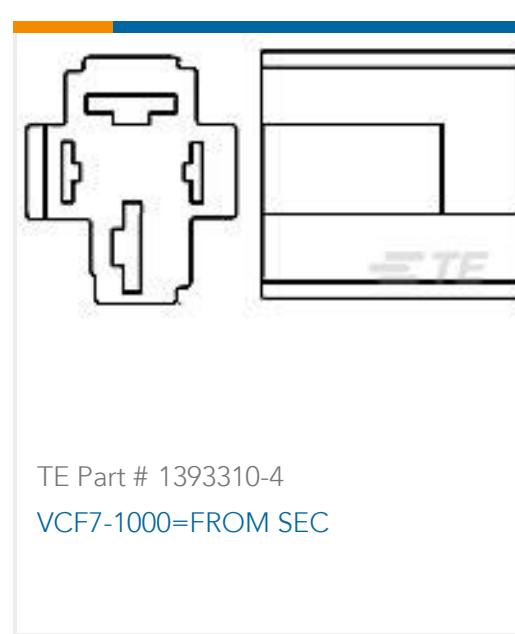
TE Part # 3-1462039-7  
IM07DGR=IM RELAY 200mW 24V



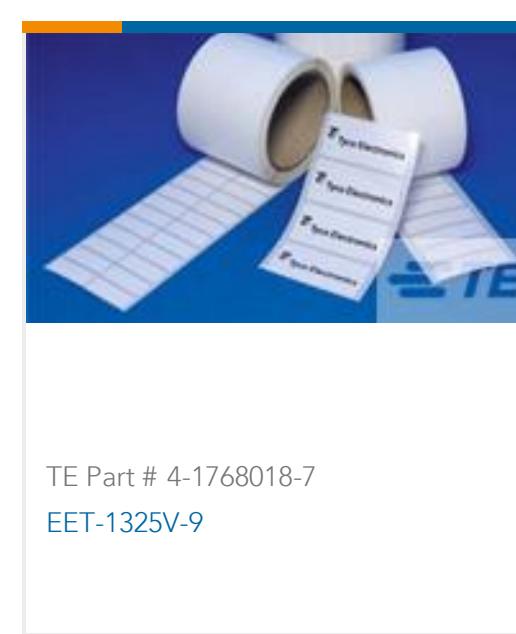
TE Part # 4-1625867-3  
RP1J 0.166W 16R9 0.1% 25PPM 1K RL



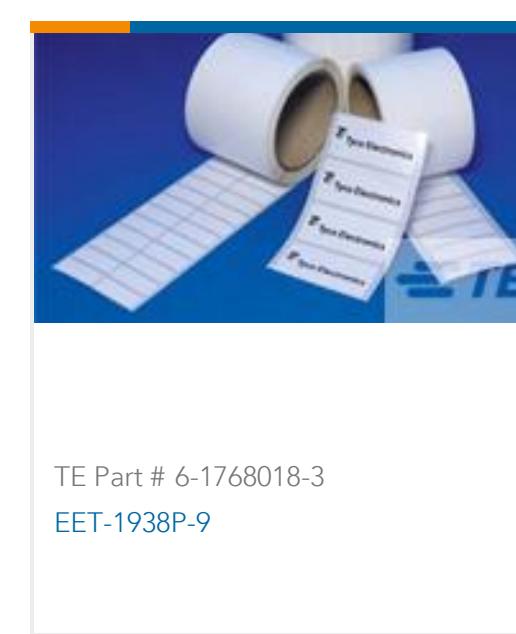
TE Part # 2820223021  
44A0111-20-2



TE Part # 1393310-4  
VCF7-1000-FROM SEC



TE Part # 4-1768018-7  
EET-1325V-9



TE Part # 6-1768018-3  
EET-1938P-9



TE Part # 167521-E  
IDCCS SMC 1,27 12 \* AU AUI 250 PVC

## Documents

### CAD Files

[3D PDF](#)

3D

### Customer View Model

[ENG\\_CVM\\_CVM\\_6-1415027-1\\_F.2d\\_dxf.zip](#)

English

### Customer View Model

[ENG\\_CVM\\_CVM\\_6-1415027-1\\_F.3d\\_igs.zip](#)

English

**Customer View Model**

[ENG\\_CVM\\_CVM\\_6-1415027-1\\_F.3d\\_stp.zip](#)

English

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

---

**Datasheets & Catalog Pages**

[Safety Relay SR6 D/M](#)

English

---

**Product Specifications**

[Definitions General Purpose Relays](#)

English

---

**Agency Approvals**

[VDE Certificate](#)

English