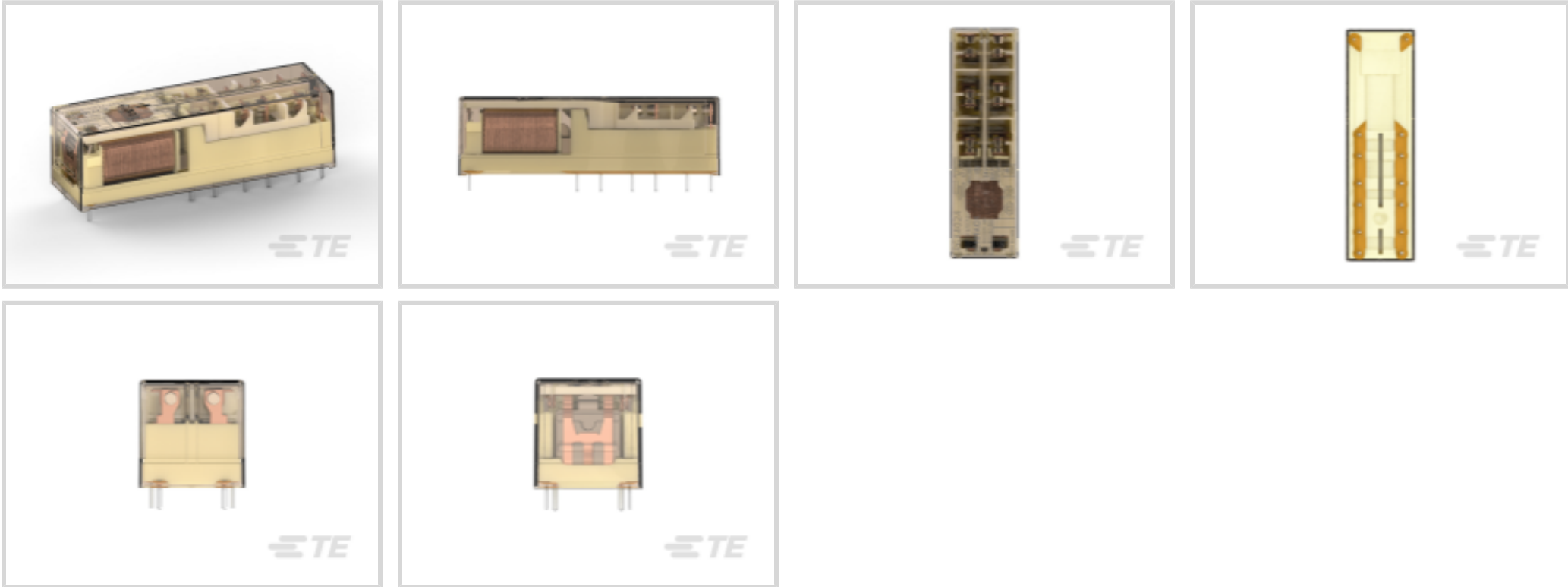




Relays & Contactors > Relays > Power Relays > Force Guided Relay with 6 contacts



Relay Type: **Force-Guided Relay**
Coil Power Rating DC: **1.2 W**
Coil Resistance: **10080 Ω**
Coil Voltage Rating: **110 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 Special Features	Force Guided Contacts
Contact Arrangement	3A (NO) + 3B (NC)
Contact Number of Poles	6

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	1.2 W
Coil Resistance	10080 Ω
Coil Voltage Rating	110 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 Category of Protection	RTIII
Environmental Ambient Temperature (Max)	70 °C[158 °F]
Operating Temperature Range	-25 – 70 °C[-13 – 158 °F]

Product Availability

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

Packaging Features

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

Other

Length Class (Mechanical)	50 – 60 mm
Height Class (Mechanical)	15 – 20 mm
Coil Power Rating Class	1 – 1.5 W
Width Class (Mechanical)	16 – 20 mm



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) 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 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

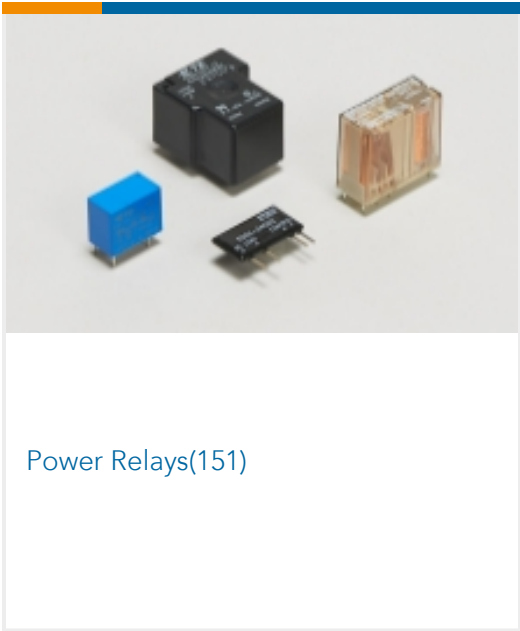


TE Part # 1546556-3
3P,STACKABLE,55 DEG,3.5MM



TE Part # CAT-SCH691-SR1B
Force Guided Relay with 6 contacts

Also in the Series | SCHRACK SR6



Power Relays(151)

Customers Also Bought



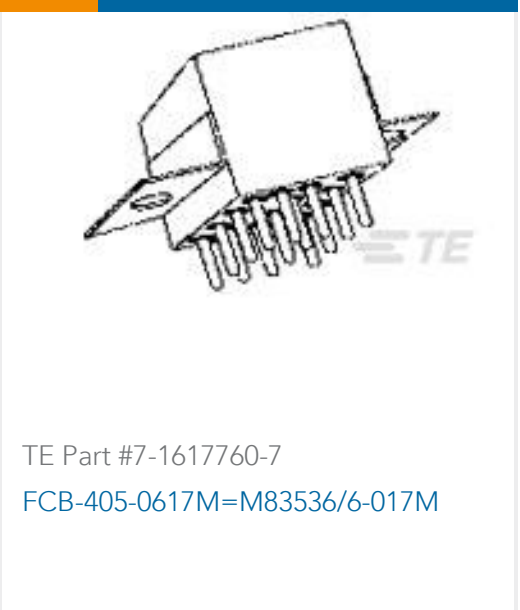
TE Part #5-1415019-1
SR6C4110 - V23050-A1110-A551



TE Part #1-1393258-5
Force Guided Relay with 2 contacts



TE Part #4-1393766-4
R10-E1Y2-V700=R10



TE Part #7-1617760-7
FCB-405-0617M=M83536/6-017M



TE Part #2-1393118-6
KUP-14D35-110=KU



TE Part #9-1415536-4
PT381024



TE Part #1-1393118-0
KUP-14D11-24=KU



TE Part #6-1393127-2
PRD-11DY0-24=PRD-

Documents

CAD Files

Customer View Model

ENG_CVM_9-1415018-1_SHK1.3d_igs.zip

English

Customer View Model

ENG_CVM_9-1415018-1_SHK1.3d_stp.zip

English

Customer View Model

ENG_CVM_9-1415018-1_SHK1.2d_dxf.zip

English

3D PDF

3D

3D PDF

3D

Customer View Model

ENG_CVM_CVM_9-1415018-1_G.2d_dxf.zip



English

Customer View Model

[ENG_CVM_CVM_9-1415018-1_G.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_9-1415018-1_G.3d_stp.zip](#)

English

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

Datasheets & Catalog Pages

[SR6-A-B-C-V](#)

English

Product Specifications

[Definitions General Purpose Relays](#)

English

Agency Approvals

[VDE Certificate](#)

English