1415544-4 ✔ ACTIVE

SCHRACK

TE Internal #: 1415544-4

General Purpose Power Relay, DC, Bistable, 1 Coil, Polarized, 1 Form A SPST-NO, 6 A Contact Rating, 12 VDC Coil Voltage, 250 VAC Contact Voltage

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Relays & Contactors > Electromechanical Relays



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

Coil Magnetic System: **Bistable, 1 Coil, Polarized**

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

Current Type: **DC**

Contact Current Rating: **6 A**

Features

Product Type Features

Relay & Contactor Type	General Purpose Power Relay

Configuration Features

Contact Number of Poles	1
Contact Arrangement	1 Form A SPST-NO

Electrical Characteristics

Contact Switching Voltage (Max)	400 VAC
Coil Resistance	650 Ω
Contact Current Rating	6 A
Coil Voltage Rating	12 VDC
Contact Voltage Rating	250 VAC
Coil Power Rating DC	.222 W
Insulation Initial Dielectric Between Contacts & Coil	4000 Vrms

Body Features

Enclosure Type	Flux Resistant Automatic Solder Capable

Contact Features

Contact Material	AgNi90/10

Termination Features

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

Mechanical Attachment

Product Mount Type	Board Mount

Dimensions

Product Width	10 mm[.394 in]
Product Length	20 mm[.787 in]
Product Height	10 mm[.393 in]

Usage Conditions

Operating Temperature Range	-40 – 85 °C[-40 – 185 °F]
Environmental Ambient Temperature (Max)	85 °C[185 °F]

Operation/Application

Solder Process	Wave Solder Capable
Coil Magnetic System	Bistable, 1 Coil, Polarized
Current Type	DC

Packaging Features

Packaging Method	Carton & Tube

Other

Coil Power Rating Class	>.2 – ≤.3 W
Contact Current Class	>5 – ≤10 A
Height Class (Mechanical)	>7 – ≤11 mm[>.276 – ≤.433 in]
Length Class (Mechanical)	>16 – ≤22 mm[>.63 – ≤.866 in]
Width Class (Mechanical)	>7 – ≤11 mm[>.276 – ≤.433 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	有害物质含量符合标准要求 No Restricted Substance(s) Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2025 (250) Candidate List Declared Against: JUNE 2025 (250) 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

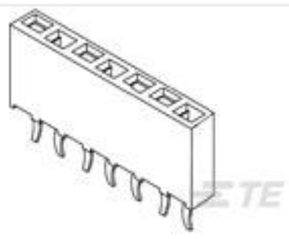
This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight 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 # 1415543-7
PE034F09

Customers Also Bought



TE Part #215297-6
6P HV100 REC CON. TE, 7.0MM



TE Part #1-1462037-8
IM03TS=IM RELAY 140mW 5V



TE Part #1-1623732-9
BCHE 7 W 1R5 10%



TE Part #1-1879233-7
SMW5 R47 5%



TE Part #2-1879378-3
TLR 2512 3.0W R0015 1% 50PPM 2K RL



TE Part #1977104-4
STV08=8 POS SIP SWITCH



TE Part #1-2213819-0
6X6 ILL TACT SMT 100GF HI PURE GREEN



TE Part #2-2213819-3
6X6 ILL TACT SMT 160GF RED



TE Part #4-2213819-0
6X6 ILL TACT SMT 260GF COLD WHITE



TE Part #2376591-2
250 FASTON PCB TAB TPBR

Documents

CAD Files

Customer View Model
ENG_CVM_CVM_1415544-4_D2.3d_igs.zip
English

Customer View Model
ENG_CVM_CVM_1415544-4_D2.3d_stp.zip
English

Customer View Model
ENG_CVM_CVM_1415544-4_D2.2d_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

Miniature PCB Relay PE bistable
English

Product Specifications

Definitions General Purpose Relays
English

Agency Approvals

VDE Certificate
English