1415547-4 ✔ ACTIVE

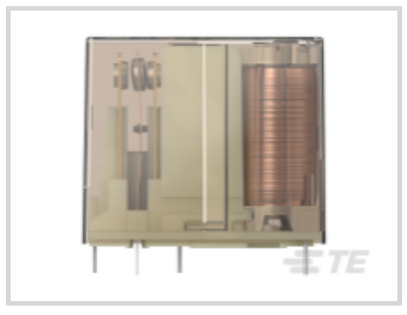
SCHRACK

TE Internal #: 1415547-4

General Purpose Power Relay, DC, Monostable, 1 Form C SPDT-CO, 12 A Contact Rating, 12 VDC Coil Voltage, 250 VAC Contact Voltage, .5 W Coil Power

View on TE.com >

Relays & Contactors > Electromechanical Relays




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

Coil Magnetic System: **Monostable**

Contact Arrangement: **1 Form C SPDT-CO**

Current Type: **DC**

Contact Current Rating: **12 A**

Features

Product Type Features

Relay & Contactor Type	General Purpose Power Relay

Configuration Features

Contact Number of Poles	1
Contact Arrangement	1 Form C SPDT-CO

Electrical Characteristics

Contact Limiting Short-Time Current	12 A
Contact Limiting Making Current	12 A
Contact Limiting Continuous Current	12 A
Contact Limiting Breaking Current	12 A
Insulation Initial Dielectric Between Open Contacts	1000 Vrms
Coil Current	.047 A
Contact Switching Voltage (Max)	400 VAC
Contact Switching Load (Min)	100mA @ 24V
Coil Resistance	256 Ω

Contact Current Rating	12 A
Coil Voltage Rating	12 VDC
Contact Voltage Rating	250 VAC
Coil Power Rating DC	.5 W
Insulation Initial Dielectric Between Contacts & Coil	4000 Vrms

Body Features

Product Weight	18 g
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

Insulation Clearance Between Contact & Coil	8 mm
Insulation Creepage Between Contact & Coil	8 mm
Product Width	12.6 mm[.496 in]
Product Length	29 mm[1.141 in]
Product Height	25.5 mm[1 in]

Usage Conditions

Operating Temperature Range	-40 – 70 °C[-40 – 158 °F]
Environmental Category of Protection	RTII
Environmental Ambient Temperature (Max)	70 °C[158 °F]

Operation/Application

Solder Process	Wave Solder Capable
Coil Magnetic System	Monostable
Current Type	DC

Packaging Features

Packaging Method	Box & Tube

Other

Coil Power Rating Class	>.3 – ≤.6 W
Contact Current Class	>10 – ≤16 A
Height Class (Mechanical)	>22 – ≤27 mm[>.866 – ≤1.063 in]
Length Class (Mechanical)	>22 – ≤33 mm[>.866 – ≤1.299 in]
Width Class (Mechanical)	>11 – ≤14 mm[>.433 – ≤.551 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: JUNE 2025 (250) SVHC > Threshold: Methanone, (diphenylphosphinyl)(2,4,6-trimethylphenyl)- (2% in 10539788067) **Article Safe Usage Statements:** Wash thoroughly after handling. Do not handle until all safety precautions have been read and understood. Recycle if possible and dispose of the article by following all applicable governmental regulations relevant to your geographic location.
Halogen Content	Not Low Halogen - contains Br or Cl > 900 ppm.
Solder Process Capability	Not reviewed for solder process capability

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 # 1-1393161-9
RP28500-RETAINING CLIP



TE Part # 1860991-1
RT78602, RELAY SOCKET PCB 5MM



TE Part # 1860996-1
RP16C01 PLASTIC RETAINING CLIP HIGH

Customers Also Bought



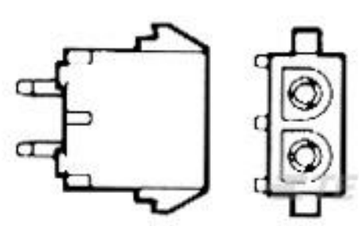
TE Part #224396-E
SRCP 1,27 8 F 1 I2426 137 * 162 1,07 TRA



TE Part #3-106507-2
25P.HDP20 REC.ASSY.



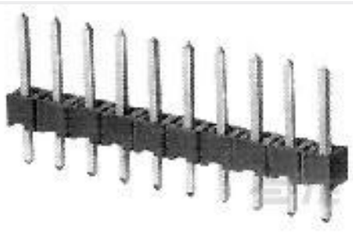
TE Part #9-215570-0
MICRO-MATCH PBC.20P



TE Part #350789-3
03P UMNL PIN HDR ASSY 94VO



TE Part #828214-3
3P MOD2 STIFT LEI



TE Part #828214-6
6P MOD2 STIFT LEI



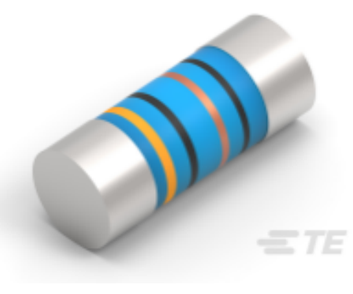
TE Part #1717468-3
SEMI-HARD TRAY DDR SODIMM SOCKET 200P 6



TE Part #5747844-6
09 MSFL RCPT RA 318 (SL,FM,BL)



TE Part #800064-SF
IT213



TE Part #9-2176316-6
MELF SMA-A 470K 1% 50PPM 0207 1W

Documents

CAD Files

3D PDF

3D

Customer View Model
ENG_CVM_CVM_1415547-4_A.2d_dxf.zip

English

Customer View Model
ENG_CVM_CVM_1415547-4_A.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_1415547-4_A.3d_stp.zip

English

By downloading the CAD file I accept and agree to the Terms and Conditions of use.

Datasheets & Catalog Pages

PCB Accessories Industrial Power Relays

English

Power PCB Relay RPII/1

English

Product Specifications

Definitions General Purpose Relays

English

Agency Approvals

VDE Certificate

English