



Relays, Contactors & Switches > Relays > Power Relays



Power Relay Type: **Standard**
Coil Magnetic System: **Monostable, DC**
Coil Power Rating Class: **200 – 300 mW**
Coil Power Rating DC: **217 mW**
Coil Resistance: **10600 Ω**

Features

Product Type Features

Power Relay Type	Standard
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Electrical Characteristics

Insulation Initial Dielectric Between Coil & Contact Class	3500 – 4000 V
Insulation Initial Dielectric Between Contacts & Coil	1000 V
Contact Limiting Making Current	10 A
Contact Limiting Short-Time Current	6 A
Contact Limiting Continuous Current	10 A
Insulation Creepage Class	5.5 – 8 mm
Insulation Creepage Between Contact & Coil	8 mm[.315 in]
Contact Limiting Breaking Current	6 A
Coil Magnetic System	Monostable, DC
Coil Power Rating Class	200 – 300 mW
Coil Power Rating DC	217 mW
Coil Resistance	10600 Ω
Coil Special Features	UL Coil Insulation Class F
Coil Voltage Rating	48 VDC
Contact Switching Load (Min)	100mA @ 12V
Contact Switching Voltage (Max)	400 VAC



Contact Voltage Rating	250 VAC
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Body Features

Insulation Special Features	Tracking Index of Relay Base PTI250
Product Weight	6 g[.2116 oz]

Contact Features

Contact Plating Material	Gold
Contact Arrangement	1 Form C (CO)
Contact Current Class	5 – 10 A, 16 A
Contact Current Rating (Max)	6 A
Contact Material	AgSnO2
Contact Number of Poles	1
Terminal Type	PCB-THT

Mechanical Attachment

Relay Mounting Type	Printed Circuit Board
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Dimensions

Length Class (Mechanical)	25 – 30 mm
Width Class (Mechanical)	0 – 6 mm
Product Width	5 mm[.197 in]
Product Length	28 mm

Usage Conditions

Environmental Ambient Temperature Class	70 – 85 °C
Environmental Ambient Temperature (Max)	85 °C[185 °F]
Environmental Category of Protection	RTIII

Packaging Features

Packaging Method	Box & Tube, Tube
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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: JUN 2020 (209)
Candidate List Declared Against: JUN 2020 (209)
Does not contain REACH SVHC

Halogen Content	Not Low Halogen - contains Br or Cl > 900 ppm.
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Solder Process Capability	Wave solder capable to 260°C
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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

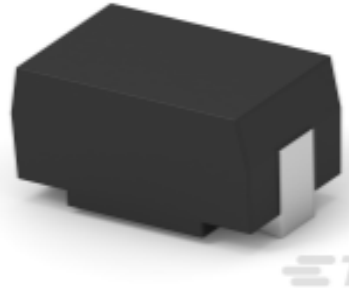
TE Model / Part # 2-1416100-0
ST3FLC4

Also in the Series | SCHRACK Slimline PCB Relay SNR

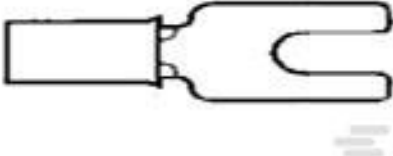
Power Relays(53)

Customers Also Bought





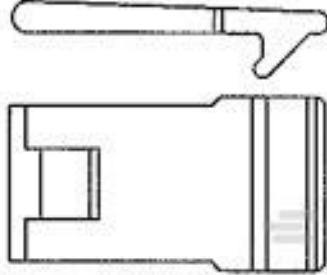
TE Model / Part #6-1879233-0
SMD Power Resistor: 7 Watt, 200-2M Ohm



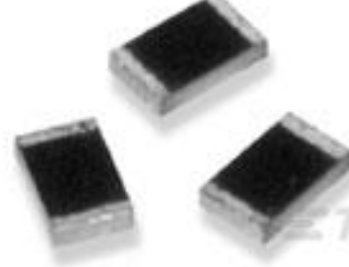
TE Model / Part #342197-1
PLASTI-GRIP 12-10 SPADE 6 STUD



TE Model / Part #826469-7
2X7P MOD II SHROUDED HEADER, ST



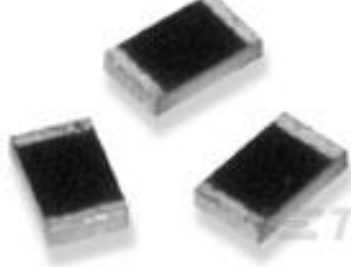
TE Model / Part #352706-1
ZP,LATCH 10MM LIFSH



TE Model / Part #2-1879747-3
RP 1J 107K 0.1% 15PPM CUT LENGTH



TE Model / Part #1624044-2
SC30-10-2501-10 0.1UH AMMO 1000



TE Model / Part #6-1879280-1
RP 2A 226K 0.1% 15PPM CUT LENGTH



TE Model / Part #6-1393806-7
Signal Relays: 5 amp, Monostable DC



TE Model / Part #5414409-1
BNC PCB RT ANG JACK W/POST



TE Model / Part #180397-2
FASTON 250 1.0-2.5MM TPBR

Documents

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_3-1393236-7_B.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_3-1393236-7_B.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_3-1393236-7_B.3d_stp.zip

English

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

Datasheets & Catalog Pages

Slim PCB Relay SNR

English

Industrial Relays Quick Reference Guide

English



Industrial Relays Quick Reference Guide

Japanese

Industrial Relays Quick Reference Guide

Product Specifications

Definitions Relays

English

Product Environmental Compliance

TE Material Declaration

English