



Relays, Contactors & Switches > Relays > Power Relays



Power Relay Type: **Standard**
Coil Magnetic System: **Monostable, DC**
Coil Power Rating DC: **420 mW**
Coil Resistance: **60 Ω**
Coil Special Features: **UL Coil Insulation Class F**

Features

Product Type Features

Power Relay Type	Standard
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Electrical Characteristics

Insulation Creepage Class	8 mm
Coil Power Rating Class	400 – 500 mW
Insulation Creepage Between Contact & Coil	10 mm
Coil Magnetic System	Monostable, DC
Coil Power Rating DC	420 mW
Coil Resistance	60 Ω
Coil Special Features	UL Coil Insulation Class F
Coil Voltage Rating	5 VDC
Contact Switching Voltage (Max)	300 VDC
Contact Voltage Rating	300 VDC

Contact Features

Contact Arrangement	1 Form A (NO)
Contact Current Class	10 – 20 A
Contact Current Rating (Max)	12 A
Contact Material	AgNi90/10
Contact Number of Poles	1



Relay Terminal Type	PCB-THT
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Mechanical Attachment

Relay Mounting Type	Printed Circuit Board
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Dimensions

Length Class (Mechanical)	25 – 30 mm
Insulation Clearance Class	9 – 10 mm
Height Class (Mechanical)	15 – 16 mm
Insulation Clearance Between Contact & Coil	10 mm[.394 in]
Width Class (Mechanical)	12 – 16 mm
Product Width	12.7 mm[.5 in]
Product Length	29 mm[1.142 in]
Product Height	15.7 mm[.618 in]

Usage Conditions

Environmental Ambient Temperature (Max)	85 °C[185 °F]
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Packaging Features

Packaging Method	Carton
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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: JUNE 2023 (235) Candidate List Declared Against: JUNE 2023 (235) Does not contain REACH SVHC
Halogen Content	Not Low Halogen - contains Br or Cl > 900 ppm.
Solder Process Capability	Wave solder capable to 265°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 # CAT-SCH691-R997
PCB Power Relay: 12-16 Amp, Monostable

TE Part # 8-1415035-1
RT78724

TE Part # 2-1393239-3
RT134005

TE Part # 1860990-1
RT78601, RELAY SOCKET PCB 3.5MM

Also in the Series | SCHRACK Power PCB Relay RZ

Power Relays(86)

Customers Also Bought

TE Part #1-106507-2
25P.HDP20 REC.ASSY.

TE Part #7-215079-4
MICRO-MATCH FOB.04P

TE Part #1-1393788-6
V23079A1005B301

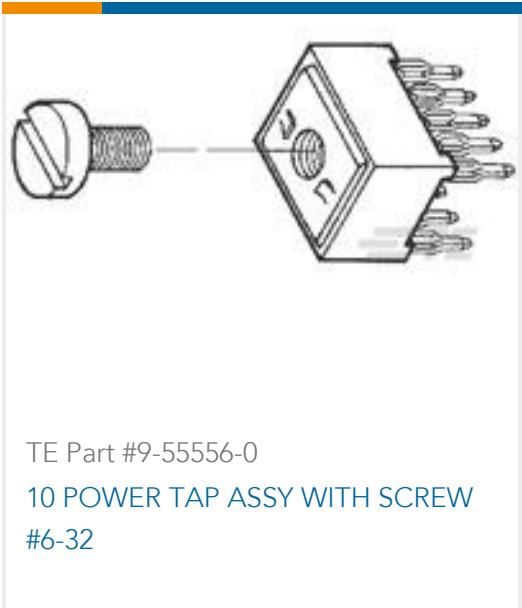
TE Part #440054-6
2.0MM,HDR,6POS,VERTICAL

TE Part #1461247-3
OJ-SH-124LMH,000

TE Part #1558666-3
T9GS1L14-12

TE Part #3-1393222-9
V23061A1007A302=MINISTARKSTROM

TE Part #1879217-5
CPF 0603 200K 0.1% 25PPM 1K RL



Documents

CAD Files

Customer View Model

[ENG_CVM_CVM_3-2158000-5_C.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_3-2158000-5_C.3d_stp.zip](#)

English

Customer View Model

[ENG_CVM_CVM_3-2158000-5_C.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

[Power PCB Relay RZ Datasheet](#)

English

Product Specifications

[Definitions General Purpose Relays](#)

English

Agency Approvals

[VDE Certificate](#)

English