



Relays & Contactors > Relays > Power Relays



Power Relay Type: **Standard**

Coil Magnetic System: **Monostable, DC**

Coil Power Rating DC: **200 mW**

Coil Resistance: **125 Ω**

Coil Special Features: **UL Coil Insulation Class F**

Features

Product Type Features

Power Relay Type	Standard
Relay Connection Type	PCB Solder Pins

Electrical Characteristics

Insulation Initial Dielectric Between Coil & Contact Class	3500 – 4000 V
Insulation Initial Dielectric Between Open Contacts	1000 Vrms
Contact Limiting Making Current	5 A
Contact Limiting Short-Time Current	5 A
Contact Limiting Continuous Current	5 A
Insulation Creepage Class	3 – 5.5 mm
Coil Power Rating Class	150 – 200 mW
Insulation Initial Dielectric Between Contacts & Coil	4000 Vrms
Insulation Creepage Between Contact & Coil	4 mm[.157 in]
Insulation Initial Resistance	10000000 M Ω
Contact Limiting Breaking Current	5 A



Coil Magnetic System	Monostable, DC
Coil Power Rating DC	200 mW
Coil Resistance	125 Ω
Coil Special Features	UL Coil Insulation Class F
Coil Voltage Rating	5 VDC
Contact Switching Load (Min)	1mA @ 1V
Contact Switching Voltage (Max)	400 VAC
Contact Voltage Rating	250 VAC

Body Features

Insulation Special Features	Tracking Index of Relay Base PTI250
Product Weight	5 g[.1764 oz]

Contact Features

Contact Plating Material	Gold
Contact Arrangement	1 Form C (CO)
Contact Current Class	16 A
Contact Current Rating (Max)	5 A
Contact Material	AgNi90/10
Contact Number of Poles	1

Mechanical Attachment

Product Mount Type	Printed Circuit Board
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Dimensions

Length Class (Mechanical)	16 – 20 mm
Insulation Clearance Class	2.5 – 4 mm
Height Class (Mechanical)	9 – 10 mm
Insulation Clearance Between Contact & Coil	3.2 mm[.126 in]
Width Class (Mechanical)	8 – 10 mm
Product Width	10 mm[.393 in]
Product Length	20 mm[.787 in]
Product Height	10 mm[.393 in]

Usage Conditions

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



Packaging Features

Packaging Method	Box & Tube, Carton
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Other

Solder Process	Wave Solder
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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: JAN 2024 (240) 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 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





Also in the Series

SCHRACK Miniature PCB Relay PE bistable

Power Relays(40)

Customers Also Bought

TE Part #DT04-2P
REC, 2P, GRY, N

TE Part #DT06-2S
PLG, 2P, GRY, N

TE Part #W2S
Wedgelocks: DEUTSCH DT

TE Part #0460-202-16141
DEUTSCH Solid Contacts

TE Part #282104-1
AMP SUPERSEAL 1.5MM,
CONNECTOR HOUSING

TE Part #281934-2
SINGLE WIRE SEAL

TE Part #114017-ZZ
SEALING PLUG, SIZE 12/16, WHT

Documents

- CAD Files
- Customer View Model
- ENG_CVM_CVM_5-1415534-9_C2.3d_igs.zip
- English
- Customer View Model
- ENG_CVM_CVM_5-1415534-9_C2.3d_stp.zip
- English
- Customer View Model
- ENG_CVM_CVM_5-1415534-9_C2.2d_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

English

Agency Approvals

VDE Certificate

English

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

[TE Connectivity:](#)

[5-1415534-9](#)