



Relays, Contactors & Switches > Relays > Power Relays



Power Relay Type: **Standard**
Coil Magnetic System: **Monostable, DC**
Coil Power Rating Class: **300 – 400 mW**
Coil Power Rating DC: **360 mW**
Coil Resistance: **225 Ω**

Features

Product Type Features

Power Relay Type	Standard
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Electrical Characteristics

Insulation Initial Dielectric Between Coil & Contact Class	1500 – 2500 V
Insulation Initial Dielectric Between Open Contacts	1000 Vrms
Contact Limiting Making Current	15 A
Contact Limiting Short-Time Current	10 A
Contact Limiting Continuous Current	10 A
Insulation Creepage Class	3 – 5.5 mm
Insulation Initial Dielectric Between Contacts & Coil	2500 Vrms
Insulation Creepage Between Contact & Coil	4 mm[.157 in]
Contact Limiting Breaking Current	10 A
Coil Magnetic System	Monostable, DC
Coil Power Rating Class	300 – 400 mW
Coil Power Rating DC	360 mW
Coil Resistance	225 Ω
Coil Special Features	UL Coil Insulation Class F
Coil Voltage Rating	9 VDC
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	5.4 g[.19 oz]

Contact Features

Contact Arrangement	1 Form C (CO)
Contact Current Class	5 – 10 A, 16 A
Contact Current Rating (Max)	10 A
Contact Material	AgNi90/10
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)	14 – 16 mm
Insulation Clearance Class	2.5 – 4 mm
Height Class (Mechanical)	16 – 20 mm
Insulation Clearance Between Contact & Coil	3 mm[.118 in]
Width Class (Mechanical)	12 – 16 mm
Product Width	15 mm[.591 in]
Product Length	15 mm[.591 in]
Product Height	20 mm[.787 in]

Usage Conditions

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

Packaging Features

Packaging Method	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: JAN 2021 (211) Candidate List Declared Against: JAN 2021 (211) 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

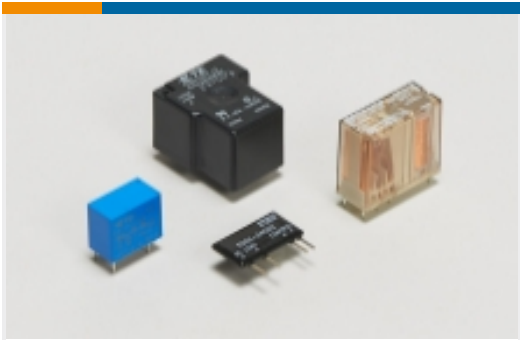


TE Part # 8-1415029-1
PB114012



TE Part # 7-1415029-1
PB114006

Also in the Series | SCHRACK Miniature Power PCB Relay PB



Power Relays(38)

Customers Also Bought



TE Part #1-1415899-5
PCB Power Relay: 12-16 Amp,
Monostable

TE Part #1-2273120-2
M12 MR-FS DOUBLE END CABLE
ASSY BL

TE Part #1217264-1
RCPT 090 CLSTR PIN 22-14

TE Part #1-282858-2
12P. TERMI-BLOK PCB MOUNT 90

TE Part #T1349160120-000
H16A-TGH-M20

TE Part #1534415-2
DUOPL POW FEM CON2P

TE Part #1-1721547-1
PCN 3A/5A SLIM PCB RELAY 3VDC

TE Part #1534415-7
DUOPL POW FEM CON7P

TE Part #1-292499-4
SLIDE LOCK PANEL MT CBL HSG
5HDP

TE Part #1-1879265-3
RP 2B 154K 0.1% 15PPM CUT LENGTH

Documents

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_8-1415077-1_B.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_8-1415077-1_B.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_8-1415077-1_B.3d_stp.zip

English

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

Datasheets & Catalog Pages

Miniature Power PCB Relay PB

English

Definitions General Purpose Relays

English



[Industrial Relays Quick Reference Guide](#)

English

[Industrial Relays Quick Reference Guide](#)

Japanese

[Industrial Relays Quick Reference Guide](#)

[Product Specifications](#)

[Definitions, Handling, Processing, Testing and Use of Relays](#)

English