R10-E7P4-J1.0K ✓ ACTIVE

Potter & Brumfield | Potter & Brumfield R10

TE Internal #: 6-1393768-9

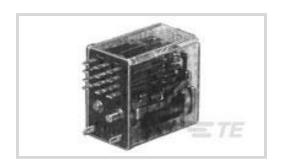
Power Relays, Industrial Panel Plug-In, Monostable, DC, 175 mW Coil Power Rating DC, 1000 Ω Coil Resistance, Sensitive Version,

Potter & Brumfield R10

View on TE.com >



Relays & Contactors > Relays > Power Relays



Power Relay Type: Industrial Panel Plug-In
Coil Magnetic System: Monostable, DC

Coil Power Rating DC: 175 mW

Coil Resistance: 1000Ω

Coil Special Features: Sensitive Version

Features

Product Type Features

Power Relay Type	Industrial Panel Plug-In
Relay Connection Type	PCB Solder Pins
Electrical Characteristics	
Insulation Initial Dielectric Between Coil & Contact Class	500 - 1000 V
Insulation Initial Dielectric Between Contacts & Coil	1000 Vrms
Actuating System	DC
Insulation Initial Dielectric Between Open Contacts	500 Vrms
Coil Power Rating Class	150 – 200 mW
Insulation Initial Dielectric Between Adjacent Contacts	1000 Vrms
Insulation Initial Resistance	10000 ΜΩ
Coil Magnetic System	Monostable, DC
Coil Power Rating DC	175 mW
Coil Resistance	1000 Ω
Coil Special Features	Sensitive Version
Contact Switching Load (Min)	0mA @ 0V
Contact Voltage Rating	120 VAC
Body Features	

40 g[1.41 oz]

Product Weight



Contact Features

Contact Plating Material	Gold
Contact Special Features	Bifurcated/Twin Contacts
Contact Arrangement	4 Form C (CO)
Contact Current Class	16 A
Contact Current Rating (Max)	3 A
Contact Material	Ag
Contact Number of Poles	4

Mechanical Attachment

Product Mount Type	Printed Circuit Board
Dimensions	
Length Class (Mechanical)	25 – 30 mm
Height Class (Mechanical)	30 – 40 mm

Width Class (Mechanical)	16 – 20 mm
Product Width	18.66 mm[.734 in]
Product Length	24.13 mm[.95 in]

Product Height 30.48 mm[1.2 in]

Usage Conditions

Environmental Ambient Temperature Class	70 – 85 °C
Environmental Ambient Temperature (Max)	75 °C[167 °F]
Operating Temperature Range	-55 – 75 °C

Packaging Features

Packaging Method	Package
r dendging memea	rackage

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: JAN 2023 (233) Does not contain REACH SVHC



Halogen Content	Low Halogen - Br, Cl, F, I < 900 ppm per homogenous material. Also BFR/CFR/PVC
	Free

Solder Process Capability

Wave solder capable to 260°C

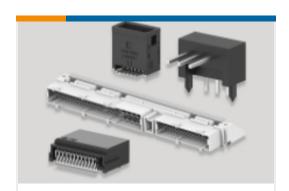
Product Compliance Disclaimer

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 | Potter & Brumfield R10



PCB Headers & Receptacles(1)



Power Relays(179)



Relay Accessories, Sockets & Clips(30)

Customers Also Bought











Documents

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_6-1393768-9_A.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_6-1393768-9_A.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_6-1393768-9_A.3d_stp.zip

English

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

Datasheets & Catalog Pages

R10 General Purpose Dry Circuit to 7.5 Amp Multicontact AC or DC Relay

English

Product Specifications

Definitions General Purpose Relays

English

Agency Approvals

CSA Certificate

English

Mouser Electronics

Authorized Distributor

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

TE Connectivity:

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