RP821048 ✔ ACTIVE

SCHRACK

TE Internal #: 1393845-6

Power Relays, Standard, Monostable, 500 mW Coil Power Rating DC, 4400 Ω Coil Resistance, 48 VDC Coil Voltage, 2 Form C (CO), 8A Contact Current Rating

View on TE.com >

Relays & Contactors > Relays > Power Relays

Relay Type: **Standard**

Coil Magnetic System: **Monostable**

Coil Power Rating DC: **500 mW**

Coil Resistance: **4400 Ω**

Coil Voltage Rating: **48 VDC**

Features

Product Type Features

Relay Type	Standard

Configuration Features

Contact Arrangement	2 Form C (CO)
Contact Number of Poles	2

Electrical Characteristics

Coil Current	.011 A
Insulation Initial Dielectric Between Open Contacts	1000 Vrms
Coil Power Rating	.5 W
Contact Limiting Continuous Current	8 A
Insulation Initial Dielectric Between Adjacent Contacts	2500 Vrms
Insulation Initial Dielectric Between Contacts & Coil	4000 Vrms
Coil Power Rating DC	500 mW
Coil Resistance	4400 Ω
Coil Voltage Rating	48 VDC
Contact Current Rating	8 A
Contact Switching Voltage (Max)	400 VAC
Contact Voltage Rating	250 VAC

Body Features

Product Weight	18 g[.635 oz]

Contact Features

Contact Plating Material	Silver-Nickel Gold Covered
Contact Material	AgNi0.15, Silver-Nickel Gold Covered

Termination Features

Relay Connection Type	PCB Termination
Terminal Configuration	Solder Pins

Mechanical Attachment

Product Mount Type	Printed Circuit Board

Dimensions

Insulation Clearance Between Contact & Coil	8 mm[.315 in]
Insulation Creepage Between Contact & Coil	8 mm[.315 in]
Product Width	12.6 mm[.496 in]
Product Length	29 mm[1.14 in]
Product Height	25.5 mm[1 in]

Usage Conditions

Environmental Ambient Temperature (Max)	70 °C[158 °F]
Operating Temperature Range	-40 - 70 °C[-40 - 158 °F]

Operation/Application

Actuating System	DC
Solder Process	Wave Solder
Coil Magnetic System	Monostable

Packaging Features

Packaging Method	Box & Tube

Other

Length Class (Mechanical)	25 - 30 mm
Insulation Initial Dielectric Between Coil & Contact Class	4000 V
Environmental Ambient Temperature Class	-40 - 70 °C
Insulation Creepage Class	8 mm
Insulation Clearance Class	8 mm
Height Class (Mechanical)	25 - 30 mm
Coil Power Rating Class	500 - 600 mW

Width Class (Mechanical)	12 - 16 mm
Contact Current Class	5 - 10 A

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 2024 (240) SVHC > Threshold: Methanone, (diphenylphosphinyl)(2,4,6-trimethylphenyl)- (2% in Component Part) **Article Safe Usage Statements:** Wash thoroughly after handling. Do not handle until all safety precautions have been read and understood. Recycle if possible and dispose of the article by following all applicable governmental regulations relevant to your geographic location.
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

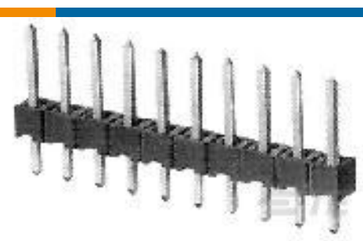
TE Part # 1393845-3
RP821006

Customers Also Bought

TE Part # 3-643814-9
09P MTA100 CONN ASSY POL RIB

TE Part # 6-1879464-7
RL73K 2H R68 5% 4K RL

TE Part # 2007194-2
SFP+ 1x1 Cage Assembly, PCI, Solder Tail

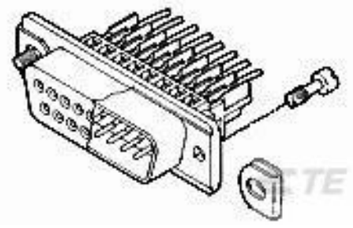


TE Part # 826629-3
3P AMPMODU II

TE Part # 5-1393243-9
RT424005

TE Part # 130014
TERM, R, PG, 22-16, M5

TE Part # 1367147-1
SFP COVER, UNPLATED



TE Part # 5745647-1
HD KIT, MALE SCREW RET.

TE Part # 5406443-1
MJ ASSY,2P,8POS,R/A,PCB,CAT5

Documents

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_1393845-6_A.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_1393845-6_A.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_1393845-6_A.3d_stp.zip

English

Datasheets & Catalog Pages

Power PCB Relay RPII/2

English

Product Specifications

Definitions General Purpose Relays

English

Agency Approvals

VDE Certificate

English