2-1416010-6 ✔ ACTIVE

SCHRACK | SCHRACK Miniature PCB Relay RE

TE Internal #: 2-1416010-6

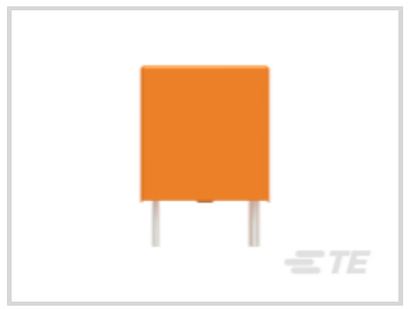
Power Relays, Standard, Monostable, DC, 200 mW Coil Power Rating DC, 720 Ω Coil Resistance, UL Coil Insulation Class F, SCHRACK Miniature PCB Relay RE

View on TE.com >

Relays, Contactors & Switches > Relays > Power Relays







Power Relay Type: **Standard**

Coil Magnetic System: **Monostable, DC**

Coil Power Rating DC: **200 mW**

Coil Resistance: **720 Ω**

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

Features

Product Type Features

Power Relay Type	Standard

Electrical Characteristics

Insulation Initial Dielectric Between Coil & Contact Class	3500 – 4000 V
Insulation Initial Dielectric Between Open Contacts	1000 Vrms
Contact Limiting Making Current	6 A
Contact Limiting Short-Time Current	6 A
Contact Limiting Continuous Current	6 A
Insulation Creepage Class	3 – 5.5 mm
Coil Power Rating Class	150 – 200 mW
Insulation Initial Dielectric Between Contacts & Coil	4000 Vrms
Insulation Initial Resistance	10000 MΩ
Insulation Creepage Between Contact & Coil	4 mm[.157 in]
Contact Limiting Breaking Current	6 A
Coil Magnetic System	Monostable, DC

Coil Power Rating DC	200 mW
Coil Resistance	720 Ω
Coil Special Features	UL Coil Insulation Class F
Coil Voltage Rating	12 VDC
Contact Switching Load (Min)	10mA @ 12V
Contact Switching Voltage (Max)	400 VAC
Contact Voltage Rating	250 VAC

Body Features

Insulation Special Features	Tracking Index of Relay Base PTI250
Product Weight	6 g[.2116 oz]

Contact Features

Contact Plating Material	Silver Nickel
Contact Arrangement	1 Form A (NO)
Contact Current Class	5 – 10 A, 16 A
Contact Current Rating (Max)	6 A
Contact Material	AgNi90/10
Contact Number of Poles	1
Relay Terminal Type	PCB-THT

Mechanical Attachment

Relay Mounting Type	Printed Circuit Board

Dimensions

Length Class (Mechanical)	16 – 20 mm
Insulation Clearance Class	2.5 – 4 mm
Height Class (Mechanical)	10 – 11 mm
Insulation Clearance Between Contact & Coil	4 mm[.157 in]
Width Class (Mechanical)	8 – 10 mm
Product Width	10 mm[.394 in]
Product Length	20 mm[.787 in]
Product Height	10.6 mm[.417 in]

Usage Conditions

Environmental Ambient Temperature Class	50 – 70 °C
Environmental Ambient Temperature (Max)	70 °C[158 °F]

Packaging Features

Packaging Method	Box & Tube, Carton

Product Compliance

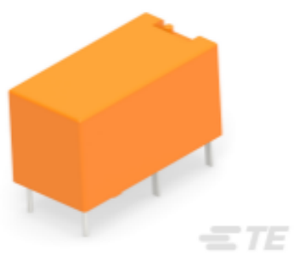
For compliance documentation, visit the product page on TE.com>

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 260°C

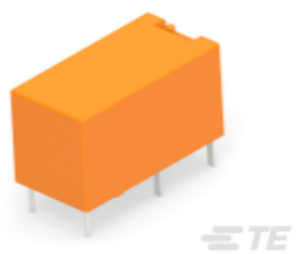
Product Compliance Disclaimer

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

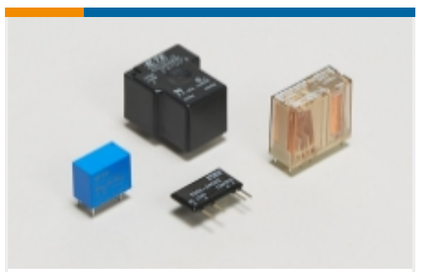


TE Part # 2-1416010-5
RE034009



TE Part # 1956220-7
RE034021

Also in the Series | SCHRACK Miniature PCB Relay RE



Power Relays(9)

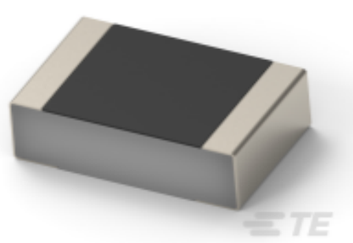
Customers Also Bought

TE Part #1393827-2
V23154Z1022

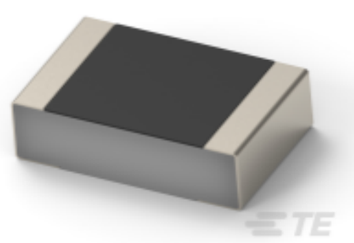
TE Part #4-1393236-3
V23092-A1060-A301

TE Part #8-1393243-8
RT425060

TE Part #4-1393236-2
V23092-A1060-A201



TE Part #7-2176453-1
CPF 0201 30K9 0.1% 25ppm 1K RL



TE Part #8-2176453-0
CPF 0201 38K3 0.1% 25ppm 1K RL

TE Part #3-2176471-4
HPCR 0819 A 10% 10R Std T&R HV

Documents

CAD Files

Customer View Model
ENG_CVM_CVM_2-1416010-6_D2.3d_igs.zip

English

Customer View Model
ENG_CVM_CVM_2-1416010-6_D2.3d_stp.zip

English

Customer View Model
ENG_CVM_CVM_2-1416010-6_D2.2d_dxf.zip

English

3D PDF

3D

Datasheets & Catalog Pages

Miniature PCB Relay RE

English

Product Specifications

Definitions General Purpose Relays

English

Product Environmental Compliance

Product Compliance

English

Product Compliance

English

Agency Approvals

VDE Certificate

English