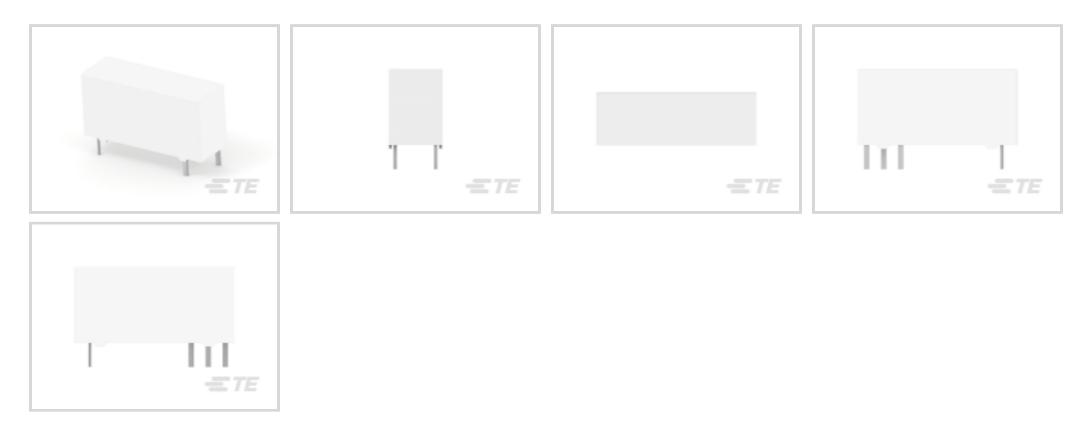
1416200-9 - ACTIVE

SCHRACK | SCHRACK Low Power PCB Relays

TE Internal #: 1416200-9 Power Relays, Standard, Monostable, DC, 236 mW Coil Power Rating DC, 15265 Ω Coil Resistance, UL Coil Insulation Class A, SCHRACK Low Power PCB Relays

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Relays & Contactors > Relays > Power Relays



Power Relay Type: Standard

Coil Magnetic System: Monostable, DC

Coil Power Rating DC: 236 mW

Coil Resistance: 15265 Ω

Coil Special Features: UL Coil Insulation Class A

Features



Product Type Features

Power Relay Type	Standard
Electrical Characteristics	
Insulation Initial Dielectric Between Coil & Contact Class	3500 – 4000 V
Insulation Initial Dielectric Between Contacts & Coil	1000 V
Contact Limiting Making Current	10 A
Contact Limiting Short-Time Current	8 A
Insulation Creepage Class	5.5 – 8 mm
Contact Limiting Continuous Current	8 A
Coil Power Rating Class	200 – 300 mW
Insulation Creepage Between Contact & Coil	8 mm[.315 in]
Contact Limiting Breaking Current	8 A
Coil Magnetic System	Monostable, DC
Coil Power Rating DC	236 mW
Coil Resistance	15265 Ω

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Power Relays, Standard, Monostable, DC, 236 mW Coil Power Rating DC, 15265 Ω Coil Resistance, UL Coil Insulation Class A, SCHRACK Low Power PCB Relays



Coil Special Features	UL Coil Insulation Class A
Coil Voltage Rating	60 VDC
Contact Switching Load (Min)	100mA @ 12V
Contact Switching Voltage (Max)	400 VAC
Contact Voltage Rating	250 VAC
Body Features	
Product Weight	9.4 g[.388 oz]
Contact Features	
Contact Arrangement	1 Form C (CO)
Contact Current Class	16 A
Contact Current Rating (Max)	8 A
Contact Material	AgSnO2
Contact Number of Poles	1
Relay Terminal Type	PCB-THT
Mechanical Attachment	
Relay Mounting Type	Printed Circuit Board
Dimensions	
Length Class (Mechanical)	25 – 30 mm
Width Class (Mechanical)	8 – 10 mm
Product Width	10 mm[.394 in]
Product Length	30 mm
Usage Conditions	
Environmental Ambient Temperature Class	70 – 85 °C
Environmental Ambient Temperature (Max)	85 °C[185 °F]
Packaging Features	
Packaging Method	Tube
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

Power Relays, Standard, Monostable, DC, 236 mW Coil Power Rating DC, 15265 Ω Coil Resistance, UL Coil Insulation Class A, SCHRACK Low Power PCB Relays



EU REACH Regulation (EC) No. 1907/2006Current ECHA Candidate List: JUNE 2023
(235)
Candidate List Declared Against: JUNE
2023 (235)
Does not contain REACH SVHCHalogen ContentNot Low Halogen - contains Br or Cl > 900
ppm.Solder Process CapabilityWave 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



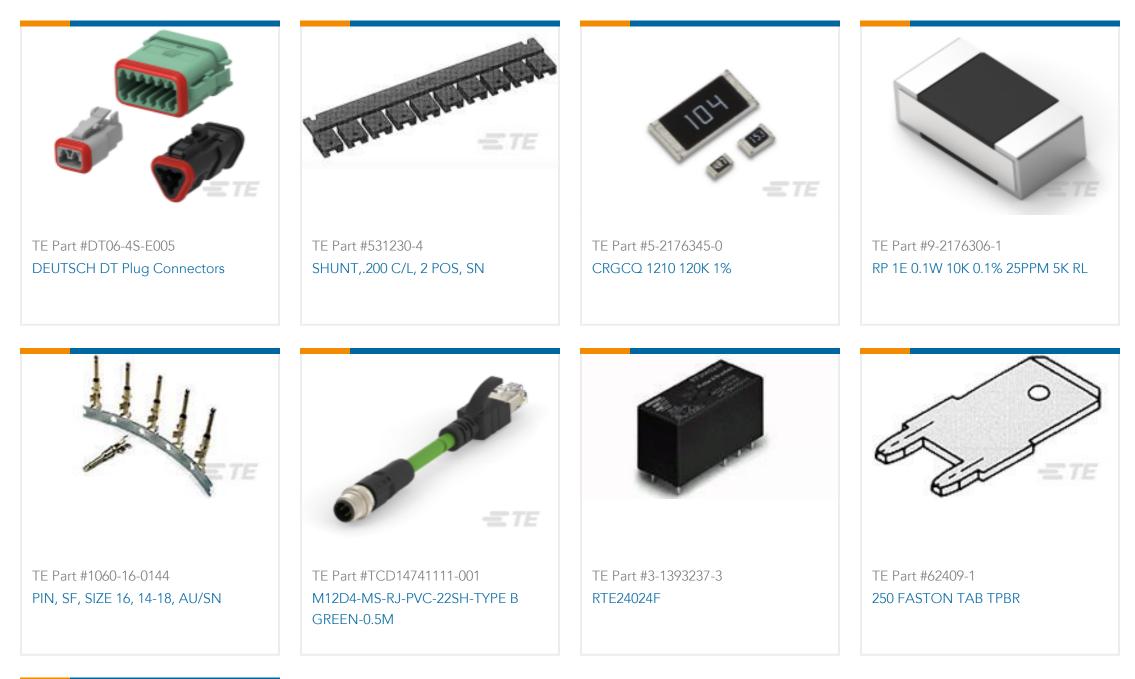
Also in the Series SCHRACK Low Power PCB Relays



Customers Also Bought

Power Relays, Standard, Monostable, DC, 236 mW Coil Power Rating DC, 15265 Ω Coil Resistance, UL Coil Insulation Class A, SCHRACK Low Power PCB Relays







TE Part #1-1649328-4 RT314018

Documents

CAD Files

3D PDF

3D

Customer View Model ENG_CVM_CVM_1416200-9_A.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_1416200-9_A.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_1416200-9_A.3d_stp.zip

English

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

Datasheets & Catalog Pages Miniature Power PCB Relay MSR

English

Product Specifications

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Power Relays, Standard, Monostable, DC, 236 mW Coil Power Rating DC, 15265 Ω Coil Resistance, UL Coil Insulation Class A, SCHRACK Low Power PCB Relays



Definitions General Purpose Relays

English

Agency Approvals VDE Certificate

English