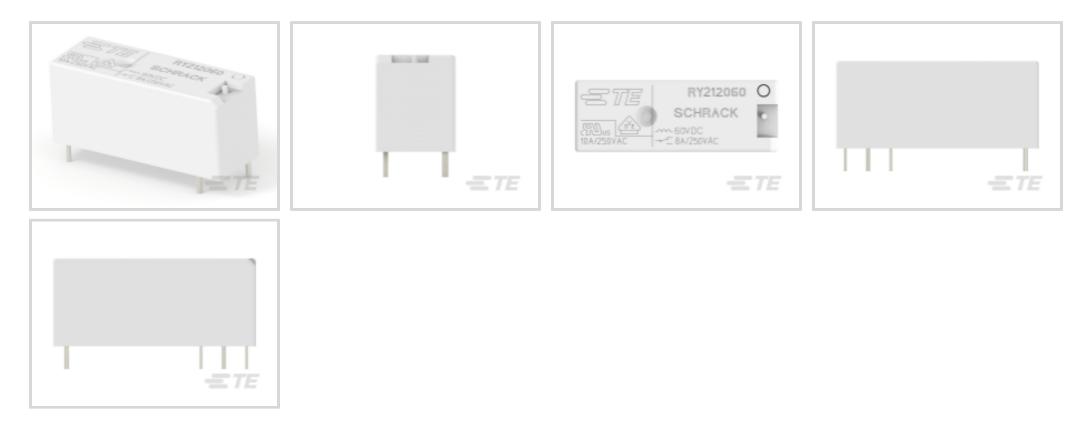
2-1416010-9 - ACTIVE

SCHRACK | SCHRACK Miniature Power PCB RYII

TE Internal #: 2-1416010-9 Power Relays, Standard, Monostable, DC, 257 mW Coil Power Rating DC, 14000 Ω Coil Resistance, SCHRACK Miniature Power PCB RYII

View on TE.com >

Relays & Contactors > Relays > Power Relays



Power Relay Type: Standard

Coil Magnetic System: Monostable, DC

Coil Power Rating DC: 257 mW

Coil Resistance: 14000 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	4000 V
Insulation Initial Dielectric Between Open Contacts	1000 Vrms
Contact Limiting Making Current	8 A
Contact Limiting Short-Time Current	8 A
Contact Limiting Continuous Current	8 A
Insulation Creepage Class	5.5 – 8 mm
Coil Power Rating Class	200 – 300 mW
Insulation Initial Dielectric Between Contacts & Coil	5000 Vrms
Insulation Creepage Between Contact & Coil	8 mm[.315 in]
Contact Limiting Breaking Current	8 A
Coil Magnetic System	Monostable, DC
Coil Power Rating DC	257 mW

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Power Relays, Standard, Monostable, DC, 257 mW Coil Power Rating DC, 14000 Ω Coil Resistance, SCHRACK Miniature Power PCB RYII



Coil Resistance	14000 Ω
Coil Special Features	UL Coil Insulation Class F
Coil Voltage Rating	60 VDC
Contact Switching Load (Min)	1mA@1V
Contact Switching Voltage (Max)	400 VAC
Contact Voltage Rating	250 VAC
Body Features	
Insulation Special Features	Tracking Index of Relay Base PTI250
Product Weight	8 g[.282 oz]
Contact Features	
Contact Plating Material	Gold
Contact Arrangement	1 Form C (CO)
Contact Current Class	16 A
Contact Current Rating (Max)	8 A
Contact Material	AgNi0.15
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
Insulation Clearance Class	5 – 8 mm
Height Class (Mechanical)	12 – 13 mm
Insulation Clearance Between Contact & Coil	8 mm[.315 in]
Width Class (Mechanical)	10 – 12 mm
Product Width	10.1 mm[.398 in]
Product Length	28.5 mm[1.122 in]
Product Height	12.3 mm[.484 in]
Usage Conditions	
Environmental Ambient Temperature Class	50 – 70 °C
Environmental Ambient Temperature (Max)	70 °C[158 °F]
Packaging Features	

Power Relays, Standard, Monostable, DC, 257 mW Coil Power Rating DC, 14000 Ω Coil Resistance, SCHRACK Miniature Power PCB RYII



Packaging Method

Box & Tube, 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
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2023 (235) Candidate List Declared Against: JAN 2023 (233) 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

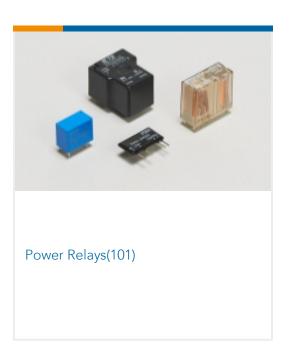
Compatible Parts



Also in the Series | SCHRACK Miniature Power PCB RYII

Power Relays, Standard, Monostable, DC, 257 mW Coil Power Rating DC, 14000 Ω Coil Resistance, SCHRACK Miniature Power PCB RYII





Customers Also Bought





TE Part #0460-202-16141

TE Part #281934-2

Documents

CAD Files

Customer View Model

ENG_CVM_CVM_2-1416010-9_D.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_2-1416010-9_D.3d_stp.zip

English

Customer View Model

ENG_CVM_CVM_2-1416010-9_D.2d_dxf.zip

English

3D PDF

3D

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

Datasheets & Catalog Pages

Miniature Power PCB Relay RYII

English

Power Relays, Standard, Monostable, DC, 257 mW Coil Power Rating DC, 14000 Ω Coil Resistance, SCHRACK Miniature Power PCB RYII



Product Specifications Definitions General Purpose Relays

English

Agency Approvals VDE Certificate

English