

RY612048 ✓ ACTIVE

SCHRACK | SCHRACK Miniature Power PCB RYII

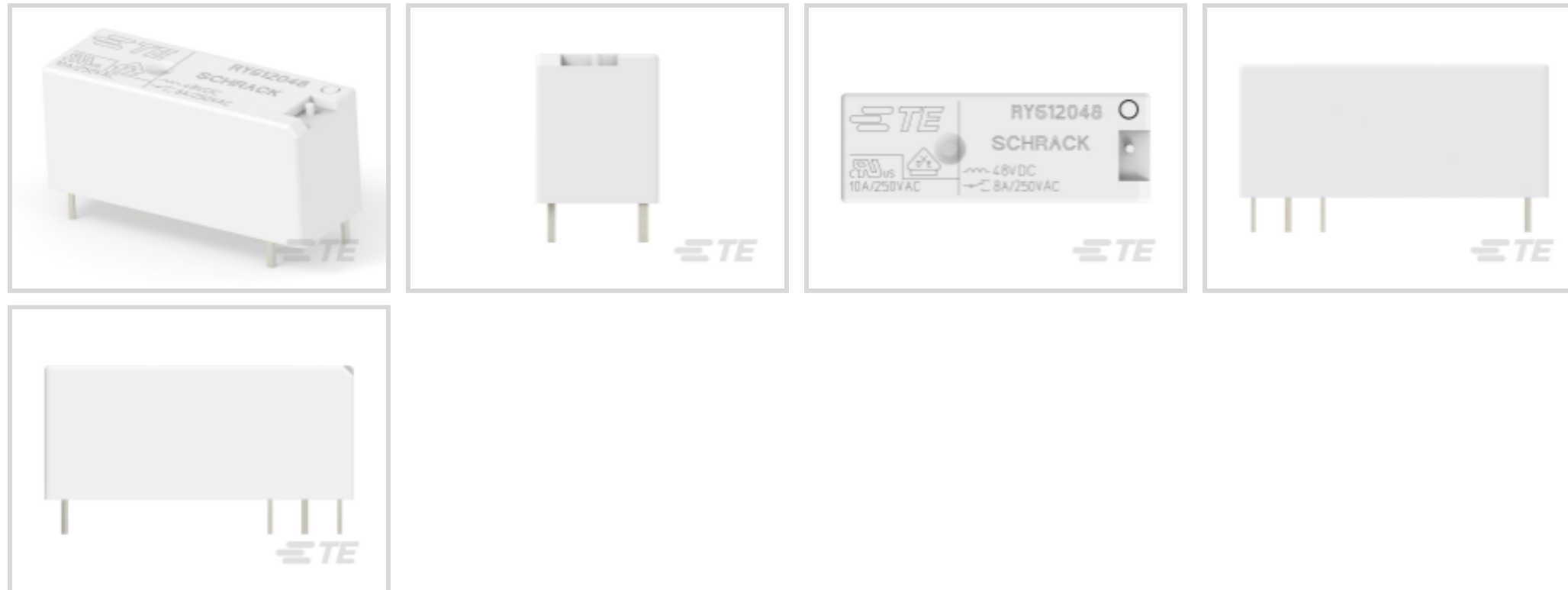
TE Internal #: 3-1393225-0

General Purpose Power Relay, DC, Monostable, 1 Form C SPDT-CO, 8 A Contact Rating, 48 VDC Coil Voltage, SCHRACK Miniature Power PCB RYII

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Relays & Contactors > Electromechanical Relays



Relay & Contactor Type: **General Purpose Power Relay**

Coil Magnetic System: **Monostable**

Contact Arrangement: **1 Form C SPDT-CO**

Current Type: **DC**

Contact Current Rating: **8 A**

Features

Product Type Features

Relay & Contactor Type	General Purpose Power Relay
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Operation/Application

Coil Magnetic System	Monostable
Current Type	DC
Solder Process	Wave Solder

Configuration Features

Contact Arrangement	1 Form C SPDT-CO
Contact Number of Poles	1
Coil Special Features	UL Coil Insulation Class F

Electrical Characteristics

Contact Current Rating	8 A
Coil Voltage Rating	48 VDC
Contact Voltage Rating	250 VAC
Coil Power Rating DC	.245 W



Insulation Initial Dielectric Between Contacts & Coil	5000 Vrms
Contact Limiting Short-Time Current	8 A
Contact Limiting Making Current	8 A
Contact Limiting Continuous Current	8 A
Contact Limiting Breaking Current	8 A
Insulation Initial Dielectric Between Open Contacts	1000 Vrms
Contact Switching Voltage (Max)	400 VAC
Contact Switching Load (Min)	1mA @ 1V
Coil Resistance	9391 Ω

Termination Features

Main Termination & Connection Type	Solder Pins
Coil Termination & Connection Type	Solder Pins

Mechanical Attachment

Product Mount Type	Printed Circuit Board
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Body Features

Enclosure Type	Flux Resistant Automatic Soldering & Washable
Product Weight	8 g [.282 oz]

Usage Conditions

Environmental Ambient Temperature (Max)	70 °C [158 °F]
Environmental Category of Protection	RTIII

Other

Height Class (Mechanical)	12 – 13 mm
Length Class (Mechanical)	25 – 30 mm
Width Class (Mechanical)	10 – 12 mm
EU RoHS Compliance	Compliant
EU ELV Compliance	Compliant
Coil Power Rating Class	.2 – .3 W
Contact Current Class	16 A
Environmental Ambient Temperature Class	50 – 70 °C

Contact Features

Contact Plating Material	Gold
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Contact Material	AgNi0.15
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Dimensions

Insulation Clearance Between Contact & Coil	8 mm[.315 in]
Insulation Creepage Between Contact & Coil	8 mm[.315 in]
Product Width	10.1 mm[.397 in]
Product Length	28.5 mm[1.12 in]
Product Height	12.3 mm[.484 in]

Packaging Features

Packaging Method	Tube, Box & Tube
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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 2024 (241) Candidate List Declared Against: JUNE 2024 (241) 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>

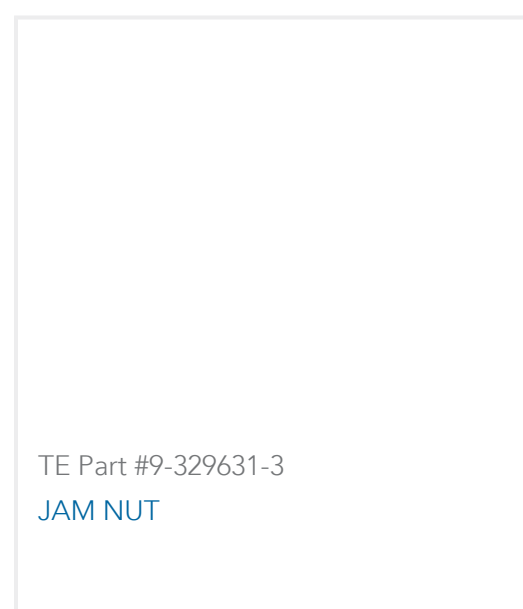
Compatible Parts



Also in the Series | [SCHRACK Miniature Power PCB RYII](#)



Customers Also Bought





Documents

CAD Files

Customer View Model

[ENG_CVM_CVM_3-1393225-0_D.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_3-1393225-0_D.3d_stp.zip](#)

English

Customer View Model

[ENG_CVM_CVM_3-1393225-0_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

Product Specifications

[Definitions General Purpose Relays](#)

English

Agency Approvals

[VDE Certificate](#)

English