2-1956170-7 ✔ ACTIVE

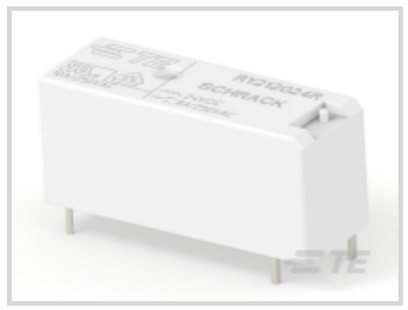
SCHRACK | SCHRACK Miniature Power PCB RYII

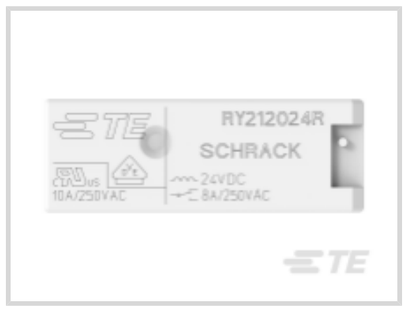
TE Internal #: 2-1956170-7

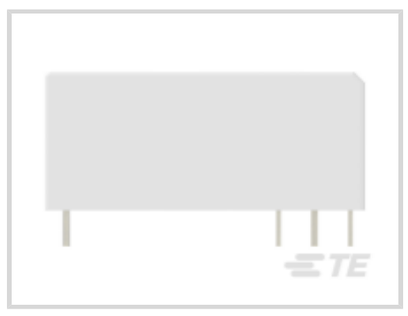
General Purpose Power Relay, Monostable, .245 W Coil, 2350 ohm Coil Resistance, SCHRACK Miniature Power PCB RYII, Power Relays

View on TE.com >

Relays & Contactors > Relays > Power Relays





Relay Type: **General Purpose Power Relay**

Coil Magnetic System: **Monostable**

Coil Power Rating DC: **.245 W**

Coil Resistance: **2350 Ω**

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

Features

Product Type Features

Relay Type	General Purpose Power Relay

Configuration Features

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

Electrical Characteristics

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 Initial Dielectric Between Contacts & Coil	5000 Vrms
Contact Limiting Breaking Current	8 A
Coil Power Rating DC	.245 W
Coil Resistance	2350 Ω

Coil Voltage Rating	24 VDC
Contact Current Rating	8 A
Contact Switching Load (Min)	1mA @ 1V
Contact Switching Voltage (Max)	400 VAC
Contact Voltage Rating	250 VAC

Body Features

Product Weight	8 g[.282 oz]

Contact Features

Contact Plating Material	Gold
Contact Material	AgNi0.15

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	10.1 mm[.397 in]
Product Length	28.5 mm[1.12 in]
Product Height	13 mm[.511 in]

Usage Conditions

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

Operation/Application

Current Type	DC
Solder Process	Reflow Solder
Coil Magnetic System	Monostable

Packaging Features

Packaging Method	Reel

Other

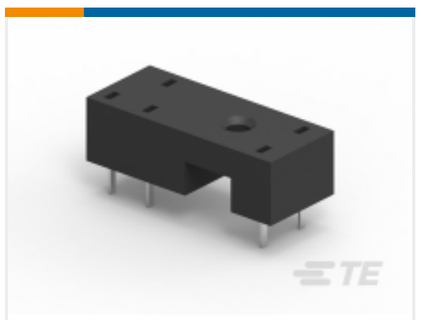
Length Class (Mechanical)	25 – 30 mm
Environmental Ambient Temperature Class	50 – 70 °C
Height Class (Mechanical)	12 – 13 mm
Coil Power Rating Class	.2 – .3 W
Width Class (Mechanical)	10 – 12 mm
Contact Current Class	16 A

Product Compliance

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

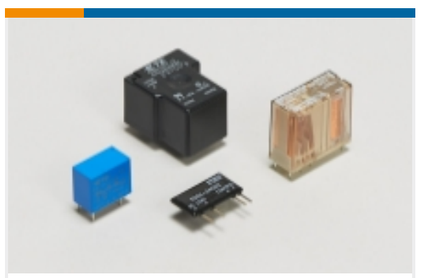
EU RoHS Directive 2011/65/EU	Compliant
EU ELV Directive 2000/53/EC	Compliant
China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2024 (241) Candidate List Declared Against: JUNE 2024 (241) Does not contain REACH SVHC
Halogen Content	Not Low Halogen - contains Br or Cl > 900 ppm.
Solder Process Capability	Pin-in-Paste capable to 260°C

Compatible Parts



TE Part # 7-1393161-3
RY78600

Also in the Series | SCHRACK Miniature Power PCB RYII



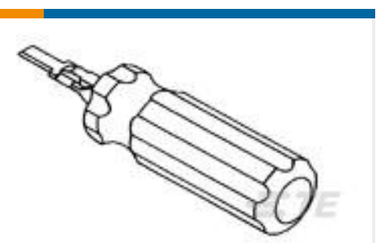
Power Relays(101)

Customers Also Bought

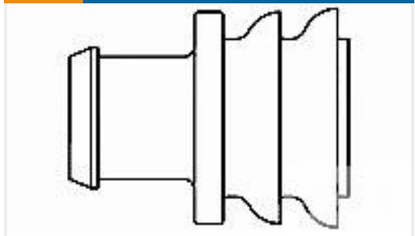
TE Part #206429-1
CPC PLUG ASSY, 11-4, REV SEX

TE Part #206966-7
CPC Cable Clamps

TE Part #W4P
Wedgelocks: DEUTSCH DT



TE Part #305183
EXTRACT TOOL TYPE 2 20-16



TE Part #281934-2
SINGLE WIRE SEAL

TE Part #0462-209-16141
SOC, SOLID, SIZE 16, 14AWG, NI

Documents

CAD Files

Customer View Model
ENG_CVM_CVM_2-1956170-7_B.3d_igs.zip
English

Customer View Model
ENG_CVM_CVM_2-1956170-7_B.3d_stp.zip
English

Customer View Model

ENG_CVM_CVM_2-1956170-7_B.2d_dxf.zip

English

3D PDF

3D

Datasheets & Catalog Pages

Industrial Relays Quick Reference Guide

Japanese

Industrial Relays Quick Reference Guide

English

Miniature Power PCB Relay RYII

English

Product Specifications

Definitions General Purpose Relays

English

Agency Approvals

VDE Certificate

English