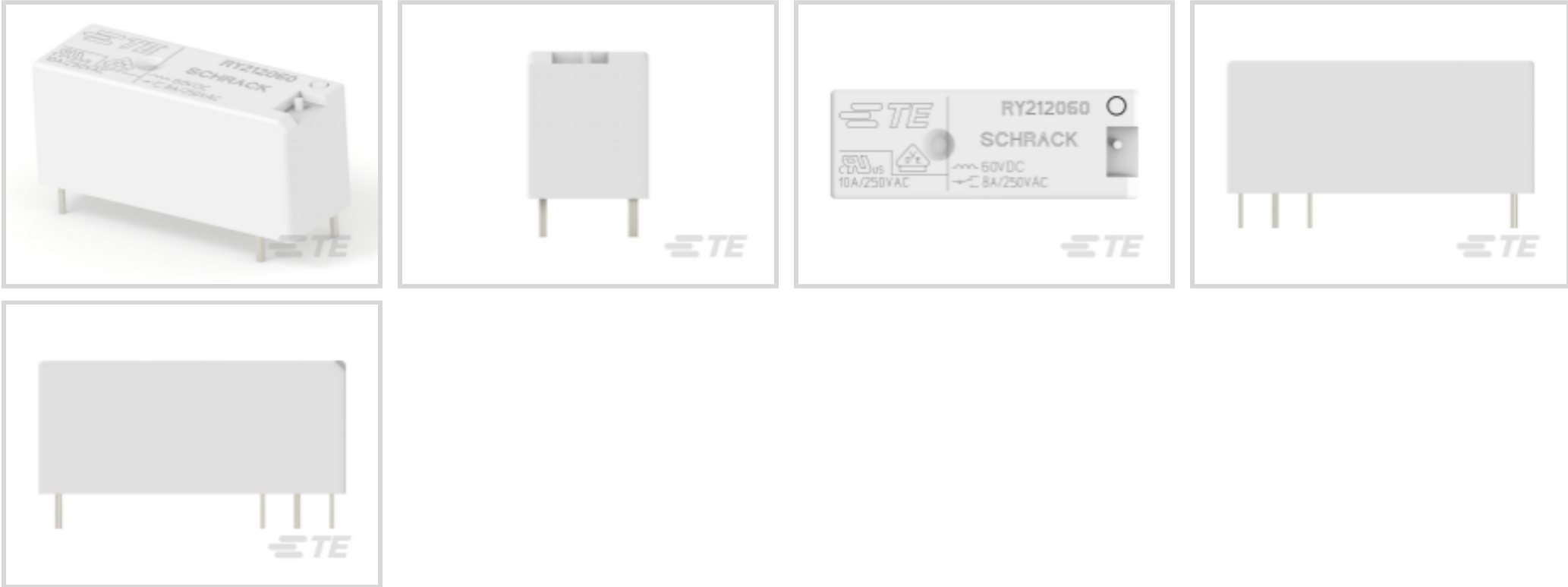




Relays & Contactors > Relays > Power Relays



Relay Type: **General Purpose Power Relay**  
Coil Magnetic System: **Monostable**  
Coil Power Rating DC: **.257 W**  
Coil Resistance: **14000 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                                  | .257 W    |
| Coil Resistance                                       | 14000 Ω   |
|                                                       |           |



|                                 |          |
|---------------------------------|----------|
| Coil Voltage Rating             | 60 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                              | 12.3 mm[.484 in] |

Usage Conditions

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

Operation/Application

|                      |             |
|----------------------|-------------|
| Current Type         | DC          |
| Solder Process       | Wave Solder |
| Coil Magnetic System | Monostable  |

Packaging Features

|                  |                  |
|------------------|------------------|
| Packaging Method | Box & Tube, Tube |
|------------------|------------------|

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)<br>Candidate List Declared Against: JUNE 2024 (241)<br>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





TE Part # 7-1393161-3  
RY78600

Also in the Series | SCHRACK Miniature Power PCB RYII



Power Relays(101)

Customers Also Bought



TE Part #1747498-2  
DYNAMIC D4200 REC CONT L/LP



TE Part #2-917807-2  
Receptacle and Tab Housing: 5.08 or 10.16 mm pitch, 250-600V



TE Part #3-178137-2  
DYNAMIC D3100 HDR H 6P ASSY



TE Part #1-1939638-0  
DYNAMIC 1100D HDR ASSY H 40P XBLACK GOLD



TE Part #1376135-1  
DYNAMIC D2100 HDR H ASSY 3P X



TE Part #1-2308272-6  
CABLE CLAMP6 (CASE RAW)



TE Part #207019-1  
METRIMATE PLUG,36 POS



TE Part #207602-1  
METRIMATE,STR REL KIT,12P



TE Part #214013-E  
SRCA 1,27 6 M 1 SMD 137 E1 094 \* GURT \*



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

Product Specifications

[Definitions General Purpose Relays](#)

English

Agency Approvals

[VDE Certificate](#)

English