# RY212005 ✔ ACTIVE

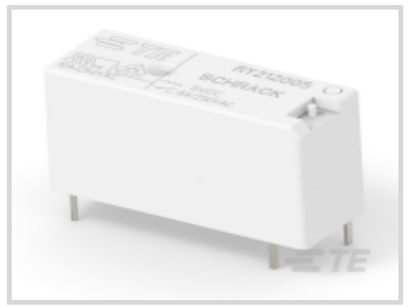
SCHRACK | SCHRACK Miniature Power PCB RYII

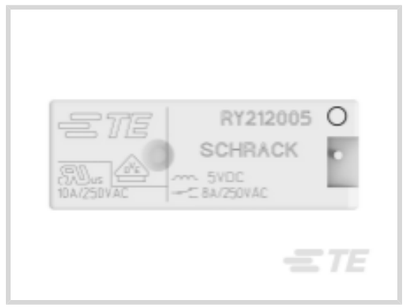
TE Internal #: 5-1393224-2

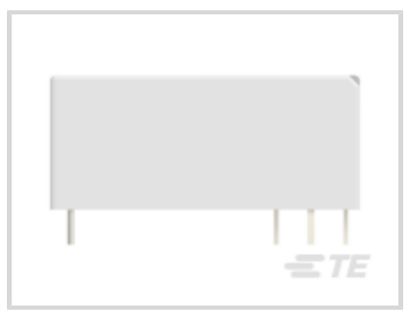
General Purpose Power Relay, DC, Monostable, 1 Form C SPDT-CO, 8 A Contact Rating, 5 VDC Coil Voltage, SCHRACK Miniature Power PCB RYII

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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 |

### Configuration Features

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

### Electrical Characteristics

| | |
|---|---|
| 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 | 112 Ω |

| | |
|---|---|
| Contact Current Rating | 8 A |
| Coil Voltage Rating | 5 VDC |
| Contact Voltage Rating | 250 VAC |
| Coil Power Rating DC | .223 W |
| Insulation Initial Dielectric Between Contacts & Coil | 5000 Vrms |

## Body Features

| | |
|---|---|
| Product Weight | 8 g[.282 oz] |
| Enclosure Type | Flux Resistant Automatic Solder Capable |

## Contact Features

| | |
|---|---|
| Contact Plating Material | Gold |
| Contact Material | AgNi0.15 |

## Termination Features

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

## Mechanical Attachment

| | |
|---|---|
| Product Mount Type | Board Mount |

## Dimensions

| | |
|---|---|
| Insulation Clearance Between Contact & Coil | 8 mm[.315 in] |
| Insulation Creepage Between Contact & Coil | 8 mm[.315 in] |
| Product Width | 10.1 mm[.398 in] |
| Product Length | 28.5 mm[1.122 in] |
| Product Height | 12.3 mm[.484 in] |

## Usage Conditions

| | |
|---|---|
| Operating Temperature Range | -40 – 70 °C[-40 – 158 °F] |
| Environmental Category of Protection | RTII |
| Environmental Ambient Temperature (Max) | 70 °C[158 °F] |

## Operation/Application

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

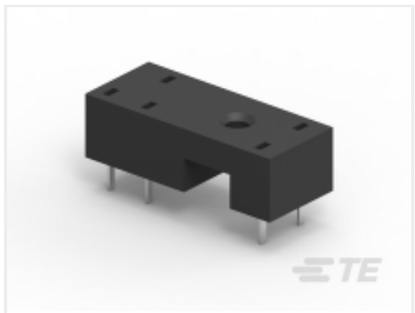
## Packaging Features

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

### Other

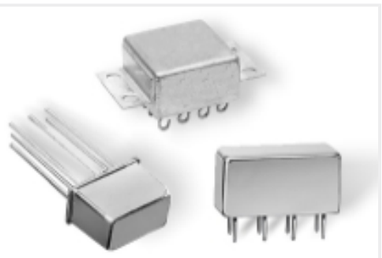
| | |
|---|---|
| Coil Power Rating Class | >.2 – ≤.3 W |
| Contact Current Class | >5 – ≤10 A |
| Height Class (Mechanical) | >11 – ≤14 mm[>.433 – ≤.551 in] |
| Length Class (Mechanical) | >22 – ≤33 mm[>.866 – ≤1.299 in] |
| Width Class (Mechanical) | >7 – ≤11 mm[>.276 – ≤.433 in] |

## Compatible Parts



TE Part # 7-1393161-3
RY78600

## Also in the Series | SCHRACK Miniature Power PCB RYII



DC Relays(90)

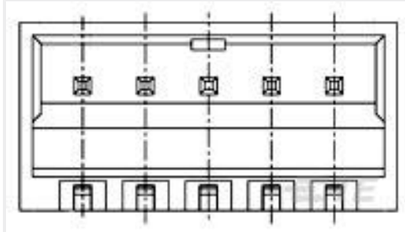


Electromechanical Relays(90)

## Customers Also Bought



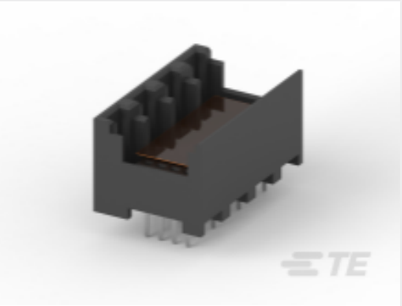
TE Part #839166-E
IDCCS SRC 1,27 12 * SFX SFX 200 PVC



TE Part #5-1775444-5
EMIX CONN., 1.5MM PITCH, HDR, R /A, 5P




TE Part #2176429-9
MPT100 2R2 5%



TE Part #2309223-1
RITS CONN.HDR ASSY 4ROW 4P THR W TAPE

TE Part #22-0128-035-000
940 RECEPTACLE,ANGLED,SPEEDTEC

TE Part #DFC611T03000005000
958 RECEPTACLE, ANGLED

TE Part #DFC611T03000008000
958 RECEPTACLE, ANGLED

TE Part #22-0604-002-000
917 RAR-H SPEEDTEC 28X28

TE Part #22-0362-031-000
923 RECEPTACLE,ANGLED, ROTATABLE,SPEEDTEC

TE Part #40-A158-000-P00
940 INSULATION INSERT

## Documents

### CAD Files

Customer View Model
ENG_CVM_CVM_5-1393224-2_D.3d_igs.zip
English

Customer View Model
ENG_CVM_CVM_5-1393224-2_D.3d_stp.zip
English

Customer View Model
ENG_CVM_CVM_5-1393224-2_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