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## • [Products](#)

- [By Type](#)
  - [Connectors](#)
  - [Electromechanical Components](#)
  - [Electronic Modules](#)
  - [Fiber Optics](#)
  - [Filters](#)
  - [Identification & Labeling](#)
  - [Passive Components](#)
  - [Power Sources](#)
  - [RF & Microwave Products](#)
  - [Tooling Products](#)
  - [Touch Screen Displays](#)
  - [Tubing, Molded and Harnessing Products](#)
  - [Wire, Cable and Cable Assemblies](#)
  - [List all product types...](#)
- [By Industry](#)
  - [Aerospace & Defense Products](#)
  - [Appliance](#)
  - [Automotive](#)
  - [Communications](#)
  - [Computer & Consumer Electronics](#)
  - [Industrial & Commercial](#)
  - [Instrumentation & Medical](#)
- [By Brand](#)
- [A to Z](#)
- [Product News](#)

## • [Documentation](#)

- [Find Documents & Drawings](#)
- [Find CAD Models](#)
- [SPICE/Electrical Models](#)
- [NAFTA Certificate of Origin](#)
- [White Papers](#)

## • [Resources](#)

- [RoHS Compliance & Alternates](#)
- [Cross Reference Products](#)
- [Compare Multiple Products](#)
- [Check Distributor Inventory](#)
- [Find Authorized Distributors](#)

## • [My Account](#)

- [Sign In](#)
- [Register](#)

## • [Customer Support](#)

- [Support](#)
- [RoHS Support Center](#)
-

- [Glossary of Terms](#)
- [eBulletin Newsletter](#)

# RY210005 Product Details



**RY210005**



Active

## Mid-Range PC Board Relays



[Converted to EU RoHS but not ELV Compliant \(Statement of Compliance\)](#)

### Product Highlights:

- RYII Series
- Contact Arrangement = 1 Form C, SPDT, 1 C/O
- Contact Current Rating = 8 Amps.
- Monostable Coil Magnetic System
- Without Coil Suppression Diode

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[Previous 1 ... 6 7 8 9 \[10\] ... 20 Next](#)

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- [Check Pricing & Availability](#)
- [Search for Tooling](#)
- [Product Feature Selector](#)
- [Compare Products](#)
- [Contact Us About This Product](#)

## Documentation & Additional Information

### Product Drawings:

- None Available

### Catalog Pages/Data Sheets:

- [Miniature Power PCB Relay RYII](#) (PDF, English)

### Product Specifications:

- None Available

### Application Specifications:

- None Available

### Instruction Sheets:

- None Available

### CAD Files:

- None Available

### Additional Information:

- [Product Line Information](#)

### Related Products:

- [Tooling](#)

[List all Documents](#)

## Product Features (Please use the Product Drawing for all design activity)

### Product Type Features:

- [Termination Type](#) = Through Hole

### Electrical Characteristics:

- [Contact Current Rating \(Amps.\)](#) = 8
- [Coil Resistance \(?\)](#) = 112
- [Coil Power, Nominal \(mW\)](#) = 220
- [Actuating System](#) = DC
- [Coil Power, Nominal \(W\)](#) = 0.22
- [Input Voltage \(VDC\)](#) = 5
- Dielectric Strength - Coil Contacts (V rms) = 5000
- Tracking Resistance of Relay Base = PTI250
- Coil Rating = Sensitive

### Body Related Features:

- [Series](#) = RYII
- Polarized = No
- Enclosure Color = Orange

### Contact Related Features:

- [Mounting Options](#) = PC Board, Socket
- [Enclosure](#) = Flux-Tight
- FCC Part 68 Isolation = No
- Relay Type = PCB

### Housing Related Features:

- Version = Pinning 3.2mm, Version for IEC 60335-1 (domestic appliances)
- Pick-Up (V) = 3.5
- Drop-Out (V) = 0.5

### Configuration Related Features:

- [Contact Arrangement](#) = 1 Form C, SPDT, 1 C/O
- [Coil Magnetic System](#) = Monostable
- [Coil Suppression Diode](#) = Without
- [Coil Selection Criteria](#) = Nominal Voltage
- Coil Latching = Without
- [LED Indicator](#) = Without
- Number of Coils = 1

### Industry Standards:

- [RoHS/ELV Compliance](#) = RoHS/Not ELV Compliant
- [Lead Free Solder Processes](#) = Wave solder capable to 240C, Wave solder capable to 260C, Wave solder capable to 265C
- RoHS/ELV Compliance History = Converted to comply with RoHS not ELV directives
- Coil Insulation Classification = UL Class F

- [Contact Material](#) = Silver Cadmium Oxide
- Approx. Dimensions (L x W x H) (mm [in]) = 28.50 x 10.10 x 12.30 [1.122 x .398 x .484]
- Contact Type = Single
- Pin Configuration = Industry Standard 3.2mm
- Wiring Diagram = 1 Form C
- Approved Standards = VDE Component Mark, UL Recognized for Canada and US
- Number of Poles = 1

**Packaging Related Features:**

- Packaging Method = Carton Bar

**Other:**

- Electrical Spacing = 8.0mm Clearance 8.0mm Creepage
- Brand = Schrack

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