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# **RY210005 Product Details**



RY210005

Active

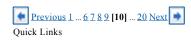
## Mid-Range PC Board Relays



#### **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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#### **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:**

• <u>Termination Type</u> = Through Hole

#### **Electrical Characteristics:**

- Contact Current Rating (Amps.) = 8
- Coil Resistance (?) = 112
- Coil Power, Nominal (mW) = 220
- Actuating System = DC
- <u>Coil Power, Nominal (W)</u> = 0.22
- <u>Input Voltage (VDC)</u> = 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:**

- <u>Contact Arrangement</u> = 1 Form C, SPDT, 1 C/O
- <u>Coil Magnetic System</u> = Monostable
- <u>Coil Suppression Diode</u> = Without
- Coil Selection Criteria = Nominal Voltage
- Coil Latching = Without
- <u>LED Indicator</u> = Without
- Number of Coils = 1

#### **Industry Standards:**

- RoHS/ELV Compliance = RoHS/Not ELV Compliant
- <u>Lead Free Solder Processes</u> = 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

- <u>Contact Material</u> = 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 FormC
- Approved Standards = VDE Component Mark, UL Recognized for Canada and US
- Number of Poles = 1

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#### **Packaging Related Features:**

• Packaging Method = Carton Bar

#### Other:

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