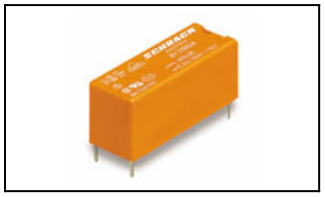
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RY210048 Product Details



RY210048

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

View all Features | Find Similar Products

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Quick Links

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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:

- Termination Type = Through Hole

Electrical Characteristics:

- Contact Current Rating (Amps.) = 8
- Coil Resistance (?) = 9391
- Coil Power, Nominal (mW) = 220
- Actuating System = DC
- Coil Power, Nominal (W) = 0.22
- Input Voltage (VDC) = 48
- 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) = 33.6
- Drop-Out (V) = 4.8

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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