

[Skip to content](#)



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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](#)

RP820012 Product Details



RP820012



Active

Mid-Range PC Board Relays



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

Product Highlights:

- RPII/2 Series
- Contact Arrangement = 2 Form C, DPDT, 2 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](#)

Quick Links

- [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:

- [Power PCB Relay RPII/2 \(PDF, English\)](#)

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
- Comment = UL-rating 10A

Electrical Characteristics:

- [Contact Current Rating \(Amps.\)](#) = 8
- [Coil Resistance \(?\)](#) = 270
- [Coil Power, Nominal \(mW\)](#) = 500
- [Actuating System](#) = DC
- [Coil Power, Nominal \(W\)](#) = 0.50
- [Input Voltage \(VDC\)](#) = 12
- Dielectric Strength - Coil Contacts (V rms) = 4000
- Tracking Resistance of Relay Base = PTI250

Body Related Features:

- Series = RPII/2
- Polarized = No
- Enclosure Color = Clear

Contact Related Features:

- [Mounting Options](#) = PC Board, Socket
- [Enclosure](#) = Immersion Cleanable
- FCC Part 68 Isolation = No
- Relay Type = PCB
- [Contact Material](#) = Silver Cadmium Oxide

Housing Related Features:

- Pick-Up (V) = 8.4
- Drop-Out (V) = 1.2

Configuration Related Features:

- [Contact Arrangement](#) = 2 Form C, DPDT, 2 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
- RoHS/ELV Compliance History = Converted to comply with RoHS not ELV directives

Packaging Related Features:

- Packaging Method = Carton Bar

- Approx. Dimensions (L x W x H) (mm [in]) = 29.00 x 12.60 x 25.50 [1.141 x .496 x 1.003]
- Contact Type = Single
- Pin Configuration = Industry Standard 5mm
- Wiring Diagram = 2 Form C
- Approved Standards = VDE Component Mark, UL Recognized for Canada and US
- Number of Poles = 2

Other:

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

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