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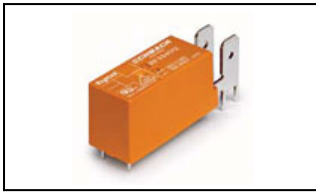
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3-1415511-1 Product Details



3-1415511-1



Active

Power PC Board Relays



[Always EU RoHS/ELV Compliant \(Statement of Compliance\)](#)

Product Highlights:

- RF Series
- Contact Arrangement = 1 Form B, SPST-NC, 1 N/C
- Contact Current Rating = 16 Amps.
- Monostable Coil Magnetic System
- Without Coil Suppression Diode

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Documentation & Additional Information

Product Drawings:

- None Available

Catalog Pages/Data Sheets:

- [Power Relay RF](#) (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](#)

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

Product Type Features:

- [Termination Type](#) = Contacts vertical Quick Connect Terminals, Through Hole
- Comment = High Ambient Temperature 105C

Electrical Characteristics:

- [Contact Current Rating \(Amps.\)](#) = 16
- [Coil Resistance \(?\)](#) = 62
- [Coil Power, Nominal \(mW\)](#) = 400
- [Actuating System](#) = DC
- [Coil Power, Nominal \(W\)](#) = 0.40
- [Input Voltage \(VDC\)](#) = 5
- Dielectric Strength - Coil Contacts (V rms) = 4000
- Tracking Resistance of Relay Base = PTI250

Body Related Features:

- Series = RF
- Polarized = No
- Enclosure Color = Orange

Contact Related Features:

- [Mounting Options](#) = PC Board
- [Enclosure](#) = Flux-Tight
- FCC Part 68 Isolation = No
- Relay Type = PCB
- [Contact Material](#) = Silver Nickel 90/10
- Approx. Dimensions (L x W x H) (mm[in]) = 29.0 x 13.2 x 16.0 [1.141 x .519 x .629]
- Contact Type = Single

Housing Related Features:

- Pick-Up (V) = 3.5
- Drop-Out (V) = 0.5

Configuration Related Features:

- [Contact Arrangement](#) = 1 Form B, SPST-NC, 1 N/C
- [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 compliant, 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 = Always was RoHS compliant
- Coil Insulation Classification = UL Class F

Packaging Related Features:

- Packaging Method = Tray

Other:

- Electrical Spacing = 8.0mm Clearance 8.0mm Creepage

- Pin Configuration = Industry Standard 5mm
- Wiring Diagram= 1 FormB
- Approved Standards = VDE Component Mark, UL Recognized for Canada and US
- Number of Poles = 1
- Brand = Schrack

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