

RTB34012F Product Details



RTB34012F (2-1419108-7)

TE Internal Number: 2-1419108-7

Active

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Industrial Relays (General Purpose)

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

Product Highlights:

- RT1 Series
- Contact Arrangement = 1 Form A, SPST-NO, 1 N/O
- Contact Current Rating = 12 Amps.
- Monostable Coil Magnetic System
- Without Coil Suppression Diode

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Documentation & Additional Information

Product Drawings:

- None Available

Catalog Pages/Data Sheets:

- [RT 16 Amp PC Board Miniature Relay](#) (PDF, English)
- [Power PCB Relay RT1](#) (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](#) = Through Hole
- Comment = Black Version, for North American market

Electrical Characteristics:

- [Contact Current Rating \(Amps.\)](#) = 12
- [Coil Resistance \(Ω\)](#) = 360
- [Coil Power, Nominal \(mW\)](#) = 400
- [Actuating System](#) = DC
- [Coil Power, Nominal \(W\)](#) = 0.40
- [Input Voltage \(VDC\)](#) = 12
- Dielectric Strength - Coil Contacts (V rms) = 5000
- Tracking Resistance of Relay Base = PTI250
- Coil Rating = Sensitive

Body Related Features:

- [Series](#) = RT1
- Polarized = No
- Enclosure Color = Black

Contact Related Features:

- [Mounting Options](#) = PC Board, Socket
- [Enclosure](#) = Immersion Cleanable
- FCC Part 68 Isolation = No
- Relay Type = PCB
- [Contact Material](#) = Silver Nickel 90/10
- Approx. Dimensions (L x W x H) (mm [in]) = 29.00 x 12.70 x 15.70 [1.142 x .500 x .618]
- Contact Type = Single
- Pin Configuration = Industry Standard 3.5mm
- Wiring Diagram = 1 Form A
- Approved Standards = VDE Component Mark, UL Recognized for Canada and US
- Number of Poles = 1

Housing Related Features:

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

Configuration Related Features:

- [Contact Arrangement](#) = 1 Form A, SPST-NO, 1 N/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 compliant, ELV compliant
- [Lead Free Solder Processes](#) = Wave solder capable to 240°C, Wave solder capable to 260°C
- RoHS/ELV Compliance History = Converted to comply with RoHS directive
- Coil Insulation Classification = UL Class F

Packaging Related Features:

- Packaging Method = Carton Bar

Other:

- Electrical Spacing = 10.0mm Clearance 10.0mm Creepage
- Brand = Potter & Brumfield