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# **RT424524 Product Details**



RT424524

Active

#### Mid-Range PC Board Relays



Converted to EU RoHS/ELV Compliant (Statement of Compliance)

#### Product Highlights:

- RT2 Series
- Contact Arrangement = 2 Form C, DPDT, 2 C/O
- Contact Current Rating = 8 Amps.
- Monostable Coil Magnetic System
- Input Voltage = 24 VAC

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#### **Documentation & Additional Information**

#### **Product Drawings:**

None Available

#### Catalog Pages/Data Sheets:

• Power PCB Relay RT2 (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
- Comment = UL-rating 10A

#### **Electrical Characteristics:**

- Contact Current Rating (Amps.) = 8
- <u>Input Voltage (VAC)</u> = 24
- Coil Resistance (?) = 350
- Actuating System = AC
- <u>Coil Power, Nominal (VA)</u> = 0.75
- Dielectric Strength Coil Contacts (V rms) = 5000
- Tracking Resistance of Relay Base = PTI250
- Coil Rating = Sensitive

#### **Body Related Features:**

- Series = RT2
- Polarized = No
- Enclosure Color = Orange

#### **Contact Related Features:**

- Mounting Options = PC Board, Socket
- Enclosure = Flux-Tight
- FCC Part 68 Isolation = No
- Relay Type = PCB
- Contact Material = Silver Nickel 90/10

#### **Housing Related Features:**

- Pick-Up (V) = 18
- Drop-Out (V) = 3.6

#### **Configuration Related Features:**

- Contact Arrangement = 2 Form C, DPDT, 2 C/O
- <u>Coil Magnetic System</u> = Monostable
- <u>Coil Suppression Diode</u> = Without
- <u>Coil Selection Criteria</u> = Nominal Voltage
- Coil Latching = Without
- <u>LED Indicator</u> = Without
- Number of Coils = 1

#### **Industry Standards:**

- RoHS/ELV Compliance = RoHS compliant, 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 directive
- Coil Insulation Classification = UL Class F

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

- 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 5mm
- Wiring Diagram= 2 FormC
- Approved Standards = VDE Component Mark, SEMKO Approved, FIMKO Approved, BEAB Approved, UL Recognized for Canada and US
- Number of Poles = 2

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#### Other:

- Electrical Spacing = 10.0mm Clearance 10.0mm Creepage
- Brand = Schrack