



RTE24048 Product Details

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Industrial Relays (General Purpose)

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

Product Highlights:

- RT 2 Series
- Contact - Current Class = 5A to 10A Class, Less Than 16A
- Contact - Rated Current = 8 A
- Terminal Type = PCB-THT, Plug-in
- Contact - Arrangement = 2 Form C (CO)

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RTE24048

(1-1393243-1)

TE Internal Number: 1-1393243-1

Active

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Documentation & Additional Information

<p>Product Drawings:</p> <ul style="list-style-type: none"> • None Available <p>Catalog Pages/Data Sheets:</p> <ul style="list-style-type: none"> • Power PCB Relay RT2 (PDF, English) <p>Product Specifications:</p> <ul style="list-style-type: none"> • None Available <p>Application Specifications:</p> <ul style="list-style-type: none"> • None Available <p>Instruction Sheets:</p> <ul style="list-style-type: none"> • None Available <p>CAD Files:</p> <ul style="list-style-type: none"> • None Available 	<p>Additional Information:</p> <ul style="list-style-type: none"> • Product Line Information <p>Related Products:</p> <ul style="list-style-type: none"> • Tooling
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Feedback

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

<p>Electrical Characteristics:</p> <ul style="list-style-type: none"> • Contact - Current Class = 5A to 10A Class, Less Than 16A • Contact - Rated Current (A) = 8 • Contact - Limiting Continuous Current (A) = 8 • Contact - Limiting Making Current (A) = 15 • Contact - Limiting Breaking Current (A) = 8 • Insulation - Initial Dielectric Between Coil/Contact Class = >4000V Class • Insulation - Initial Dielectric Between Open Contacts (V rms) = 1000 • Insulation - Initial Dielectric Between Contacts and Coil (V rms) = 5000 • Contact - Rated Voltage (VAC) = 250 • Contact - Switching Voltage Max. (VAC) = 400 • Contact - Limiting Short-Time Current (A) = 8 • Coil - Rated Voltage (VDC) = 48 • Coil - Resistance (Ω) = 5520 • Coil - Rated Power, DC (mW) = 417 • Coil - Rated Power Class = 400mW to 500mW Class • Insulation - Initial Dielectric Between Adjacent Contacts (V rms) = 2500 • Insulation - Creepage Class = >8mm Class • Insulation - Clearance Class = >8mm Class • Insulation - Special Features = Tracking Index of Relay Base PTI250 <p>Dimensions:</p> <ul style="list-style-type: none"> • Mechanical - Length Class = 25mm to 30mm Class • Length (mm [in]) = 29.00 [1.142] • Mechanical - Width Class = 12mm to 16mm Class • Width (mm [in]) = 12.70 [0.500] • Mechanical - Height Class = 15mm to 16mm Class • Height (mm [in]) = 15.70 [0.618]

<p>Body Features:</p> <ul style="list-style-type: none"> • Mount Type = PCB, Socket • Weight (g [oz]) = 13.00 [0.459] <p>Contact Features:</p> <ul style="list-style-type: none"> • Terminal Type = PCB-THT, Plug-in • Contact Material = AgNi90/10 • Contact - Number of Poles = 2 <p>Configuration Features:</p> <ul style="list-style-type: none"> • Contact - Arrangement = 2 Form C (CO) • Coil - Magnetic System = Monostable, DC • Coil - Special Features = UL Coil Insulation Class F <p>Industry Standards:</p> <ul style="list-style-type: none"> • 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 • Approved/Registered Standards = cCSAus, cULus, VDE <p>Environmental:</p> <ul style="list-style-type: none"> • Environmental - Category of Protection = RTIII • Environmental - Ambient Temperature, Max. (°C [°F]) = 85 [185] • Environmental - Ambient Temperature Class = 70°C to 85°C Class <p>Packaging Features:</p> <ul style="list-style-type: none"> • Packaging Method = Tube <p>Other:</p> <ul style="list-style-type: none"> • Series = RT 2
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- Insulation - Clearance Between Contact and Coil (mm [in]) = 10 [0.394]
- Insulation - Creepage Between Contact and Coil (mm [in]) = 10 [0.394]

- Brand = Schrack
- Accessories/Socket Type = DIN-rail Socket, PCB Socket

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