



RE032005 Product Details

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RE032005
(1-1393217-9)

TE Internal Number: 1-1393217-9

Active

Industrial Relays (General Purpose)

Always EU RoHS/ELV Compliant (Statement of Compliance)

Product Highlights:

- RE Series
- Contact - Current Class = 5A to 10A Class, Less Than 16A
- Contact - Rated Current = 6 A
- Terminal Type = PCB-THT
- Contact - Arrangement = 1 Form A (NO)

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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"> • Miniature PCB Relay RE (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) = 6 • Contact - Limiting Continuous Current (A) = 6 • Contact - Limiting Making Current (A) = 15 • Contact - Limiting Breaking Current (A) = 6 • Insulation - Initial Dielectric Between Coil/Contact Class = 3500V to 4000V Class • Insulation - Initial Dielectric Between Open Contacts (V rms) = 1000 • Insulation - Initial Dielectric Between Contacts and Coil (V rms) = 4000 • Contact - Rated Voltage (VAC) = 250 • Contact - Switching Voltage Max. (VAC) = 400 • Contact - Limiting Short-Time Current (A) = 6 • Coil - Rated Voltage (VDC) = 5 • Coil - Resistance (Ω) = 125 • Coil - Rated Power, DC (mW) = 200 • Coil - Rated Power Class = 150mW to 200mW Class • Insulation - Initial Insulation Resistance (MΩ) = 100000 • Insulation - Creepage Class = 3mm to 5.5mm Class • Insulation - Clearance Class = 2.5mm to 4mm Class • Insulation - Special Features = Tracking Index of Relay Base PTI250 <p>Dimensions:</p> <ul style="list-style-type: none"> • Mechanical - Length Class = 16mm to 20mm Class • Length (mm [in]) = 20.00 [0.787] • Mechanical - Width Class = 8mm to 10mm Class • Width (mm [in]) = 10.00 [0.394] • Mechanical - Height Class = 10mm to 11mm Class • Height (mm [in]) = 10.60 [0.417] • Insulation - Clearance Between Contact and Coil (mm [in]) = 4 	<p>Body Features:</p> <ul style="list-style-type: none"> • Mount Type = PCB • Weight (g [oz]) = 5.00 [0.1764] <p>Contact Features:</p> <ul style="list-style-type: none"> • Terminal Type = PCB-THT • Contact Material = AgNi0.15, gold plated • Contact - Number of Poles = 1 <p>Configuration Features:</p> <ul style="list-style-type: none"> • Contact - Arrangement = 1 Form A (NO) • 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 260°C, Wave solder capable to 240°C • RoHS/ELV Compliance History = Always was RoHS compliant • Approved/Registered Standards = cULus, cCSAus, VDE <p>Environmental:</p> <ul style="list-style-type: none"> • Environmental - Category of Protection = RTIII • Environmental - Ambient Temperature, Max. (°C [°F]) = 70 [158] • Environmental - Ambient Temperature Class = 50°C to 70°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 = RE • Brand = Schrack
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[0.157]

- Insulation - Creepage Between Contact and Coil (mm [in]) = 4 [0.157]

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