



# RE030005 Product Details

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**RE030005**  
(1393217-1)

TE Internal Number: 1393217-1

Active

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## Industrial Relays (General Purpose)

Converted to EU RoHS but not 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)

[View all Features](#)

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## Documentation & Additional Information

**Product Drawings:**

- None Available

**Catalog Pages/Data Sheets:**

- [Miniature PCB Relay RE](#) (PDF, English)

**Product Specifications:**

- None Available

**Application Specifications:**

- None Available

**Instruction Sheets:**

- None Available

**CAD Files: (CAD Format & Compression Information)**

- [2D Drawing](#) (DXF, Version SHK1)
- [3D Model](#) (IGES, Version SHK1)
- [3D Model](#) (STEP, Version SHK1)

[List all Documents](#)

**Additional Information:**

- [Product Line Information](#)

**Related Products:**

- [Tooling](#)

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

**Electrical Characteristics:**

- 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) = 1000000
- 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

**Dimensions:**

- 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

**Body Features:**

- Mount Type = PCB
- Weight (g [oz]) = 5.00 [0.1764]

**Contact Features:**

- Terminal Type = PCB-THT
- Contact Material = AgCdO
- Contact - Number of Poles = 1

**Configuration Features:**

- [Contact - Arrangement](#) = 1 Form A (NO)
- [Coil - Magnetic System](#) = Monostable, DC
- Coil - Special Features = UL Coil Insulation Class F

**Industry Standards:**

- [RoHS/ELV Compliance](#) = RoHS/Not 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 not ELV directives
- Approved/Registered Standards = cULus, VDE

**Environmental:**

- Environmental - Category of Protection = RTIII
- Environmental - Ambient Temperature, Max. (°C [°F]) = 70 [158]
- Environmental - Ambient Temperature Class = 50°C to 70°C Class

**Packaging Features:**

- Packaging Method = Tube

- Height (mm [in]) = 10.60 [0.417]
- Insulation - Clearance Between Contact and Coil (mm [in]) = 4 [0.157]
- Insulation - Creepage Between Contact and Coil (mm [in]) = 4 [0.157]

**Other:**

- Series = RE
- Brand = Schrack

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