1937650-6 Product Details

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TE Internal Number: 1937650-6

Active

Industrial Relays (General Purpose)

Always EU RoHS/ELV Compliant (Statement of Compliance)

Product Highlights:

- RTX Series
- Contact - Current Class = 10A to 20A Class, Greater Than 16A
- Contact - Rated Current = 16 A
- Terminal Type = PCB-THT
- Contact - Arrangement = 1 Form A (NO)

View all Features

Documentation & Additional Information

Product Drawings:
- None Available

Catalog Pages/Data Sheets:
- Power PCB Relay RTX (PDF, English)

Product Specifications:
- None Available

Application Specifications:
- None Available

Instruction Sheets:
- None Available

CAD Files:
- None Available

List all Documents

Additional Information:
- Product Line Information

Related Products:
- Tooling

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

Product Type Features:
- Series = RTX
- Terminal Type = PCB-THT

Electrical Characteristics:
- Contact - Current Class = 10A to 20A Class, Greater Than 16A
- Contact - Rated Current (A) = 16
- Contact - Limiting Continuous Current (A) = 16
- Contact - Limiting Making Current (A) = 16
- Contact - Limiting Breaking Current (A) = 16
- Insulation - Initial Dielectric Between Coil/Contact Class = >4000V Class
- Insulation - Initial Dielectric Between Open Contacts (V rms) = 1250
- Insulation - Initial Dielectric Between Contacts and Coil (V rms) = 5000
- Contact - Rated Voltage (VAC) = 250
- Contact - Limiting Short-Time Current (A) = 16
- Coil - Rated Voltage (VDC) = 24
- Coil - Resistance (Ω) = 890
- Coil - Rated Power, DC (mW) = 650
- Insulation - Creepage Class = 5.5mm to 8mm Class
- Insulation - Clearance Class = 5mm to 8mm Class
- Insulation - Special Features = Tracking Index of Relay Base PTI250

Dimensions:
- Mechanical - Length Class = 25mm to 30mm Class
- Length (mm [in]) = 29.11 [1.146]
- Mechanical - Width Class = 12mm to 16mm Class
- Width (mm [in]) = 12.70 [0.500]
- Mechanical - Height Class = 15mm to 16mm Class
- Height (mm [in]) = 16.00 [0.630]
- Insulation - Clearance Between Contact and Coil (mm [in]) = 6 [0.236]
- Insulation - Creepage Between Contact and Coil (mm [in]) = 6 [0.236]

Body Features:
- Mount Type = PCB
- Weight (g [oz]) = 11.00 [0.388]

Contact Features:
- Contact Material = W + AgSnO
- Contact - Number of Poles = 1
- Contact - Special Features = Flip-Flop Contacts

Configuration Features:
- Contact - Arrangement = 1 Form A (NO)
- Coil - Magnetic System = Bistable, 1 Coil
- Coil - Special Features = UL Coil Insulation Class F

Industry Standards:
- RoHS/ELV Compliance = RoHS compliant, ELV compliant
- Lead Free Solder Processes = Wave solder capable to 260°C, Wave solder capable to 240°C, Wave solder capable to 265°C
- RoHS/ELV Compliance History = Always was RoHS compliant
- Approved/Registered Standards = VDE, cULus

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

Other:
- Brand = Schrack

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