



1956240-3 Product Details

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1956240-3

TE Internal Number: 1956240-3

Active

Industrial Relays (General Purpose)

Always EU RoHS/ELV Compliant (Statement of Compliance)

Product Highlights:

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

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Documentation & Additional Information	
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Product Features (Please use the Product Drawing for all design activity)	
Electrical Characteristics: <ul style="list-style-type: none"> • Contact - Current Class = 5A to 10A Class, Less Than 16A • Contact - Rated Current (A) = 10 • Contact - Limiting Continuous Current (A) = 10 • Contact - Limiting Making Current (A) = 15 • Contact - Limiting Breaking Current (A) = 10 • 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) = 10 • Coil - Rated Voltage (VDC) = 24 • Coil - Resistance (Ω) = 2270 • Coil - Rated Power, DC (mW) = 254 • Coil - Rated Power Class = 200mW to 300mW Class • Insulation - Creepage Class = 5.5mm to 8mm Class • Insulation - Clearance Class = 5mm to 8mm Class Dimensions: <ul style="list-style-type: none"> • Mechanical - Length Class = 25mm to 30mm Class • Length (mm [in]) = 28.60 [1.126] • Mechanical - Width Class = 8mm to 10mm Class • Width (mm [in]) = 10.00 [0.394] • Mechanical - Height Class = 14mm to 15mm Class • Height (mm [in]) = 15.01 [0.591] • Insulation - Clearance Between Contact and Coil (mm [in]) = 8 [0.315] • Insulation - Creepage Between Contact and Coil (mm [in]) = 8 [0.315] 	Body Features: <ul style="list-style-type: none"> • Mount Type = PCB • Weight (g [oz]) = 11.00 [0.388] Contact Features: <ul style="list-style-type: none"> • Terminal Type = PCB-THT • Contact Material = AgSnO • Contact - Number of Poles = 1 Configuration Features: <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 Industry Standards: <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, Wave solder capable to 265°C • RoHS/ELV Compliance History = Always was RoHS compliant • Approved/Registered Standards = cULus, VDE Environmental: <ul style="list-style-type: none"> • Environmental - Category of Protection = RTII • Environmental - Ambient Temperature, Max. (°C [°F]) = 85 [185] • Environmental - Ambient Temperature Class = 70°C to 85°C Class Packaging Features: <ul style="list-style-type: none"> • Packaging Method = Tube Other: <ul style="list-style-type: none"> • Series = MSR • Brand = Schrack

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