2-1415541-4 Product Details



2-1415541-4

TE Internal Number: 2-1415541-4

Active

Industrial Relays (General Purpose)

Always EU RoHS/ELV Compliant (Statement of Compliance)

Product Highlights:

- PB 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)

View all Features

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Quick Links

- Pricing & Availability
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Documentation & Additional Information

Product Drawings:
- None Available

Catalog Pages/Data Sheets:
- None Available

Product Specifications:
- None Available

Application Specifications:
- None Available

Instruction Sheets:
- None Available

CAD Files:
- None Available

Additional Information:
- Product Line Information

Related Products:
- Tooling

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) = 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 = 1500V to 2500VA Class
- Insulation - Initial Dielectric Between Open Contacts (V rms) = 1000
- Insulation - Initial Dielectric Between Contacts and Coil (V rms) = 2500
- Contact - Rated Voltage (VAC) = 250
- Contact - Switching Voltage Max. (VAC) = 400
- Contact - Limiting Short-Time Current (A) = 10
- Coil - Rated Voltage (VDC) = 18
- Coil - Resistance (Ω) = 900
- Coil - Rated Power, DC (mW) = 360
- Coil - Rated Power Class = 300mW to 400mW Class
- 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 = 14mm to 16mm Class
- Length (mm [in]) = 15.00 [0.591]
- Mechanical - Width Class = 12mm to 16mm Class
- Width (mm [in]) = 15.00 [0.591]
- Mechanical - Height Class = 16mm to 20mm Class
- Height (mm [in]) = 20.00 [0.787]
- Insulation - Clearance Between Contact and Coil (mm [in]) = 4 [0.157]
- Insulation - Creepage Between Contact and Coil (mm [in]) = 5 [0.197]

Body Features:
- Mount Type = PCB
- Weight (g [oz]) = 5.40 [0.190]

Contact Features:
- Terminal Type = PCB-THT
- Contact Material = AgNi90/10
- Contact - Number of Poles = 1

Configuration Features:
- Contact - Arrangement = 1 Form A (NO)
- Coil - Magnetic System = Monostable, DC

Industry Standards:
- 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:
- 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:
- Packaging Method = Tube

Other:
- Series = PB
- Brand = Schrack
- Additional Features = WG Product in Accordance with IEC 60335-1

Feedback



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