1721870-5 Product Details



1721870-5

TE Internal Number: 1721870-5

Active

Industrial Relays (General Purpose)

Always EU RoHS compliant but not ELV Compliant (Statement of Compliance)

Product Highlights:

- OJ/OJE Series
- Contact - Current Class = 5A to 10A Class, Less Than 16A
- Contact - Rated Current = 8 A
- Terminal Type = PCB-THT
- Contact - Arrangement = 1 Form A (NO)

View all Features

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Documentation & Additional Information

Product Drawings:
- OJE-SH-112LMHF SPEC 000 CUSTOMER DRAWING (PDF, English)

Catalog Pages/Data Sheets:
- None Available

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 = OJ/OJE
- Terminal Type = PCB-THT

Electrical Characteristics:
- Contact - Current Class = 5A to 10A Class, Less Than 16A
- Contact - Rated Current (A) = 8
- Contact - Limiting Continuous Current (A) = 8
- Contact - Limiting Making Current (A) = 8
- Contact - Limiting Breaking Current (A) = 8
- Insulation - Initial Dielectric Between Coil/Contact Class = 2500V to 3000V Class
- Insulation - Initial Dielectric Between Open Contacts (V rms) = 750
- Insulation - Initial Dielectric Between Contacts and Coil (V rms) = 3000
- Contact - Rated Voltage (VAC) = 277
- Contact - Rated Voltage (VDC) = 30
- Contact - Switching Voltage Max. (VAC) = 277
- Contact - Switching Voltage Max. (VDC) = 30
- Contact - Limiting Short-Time Current (A) = 8
- Contact - Switching Recommended Load, Min. = 100mA at 5V
- Coil - Rated Voltage (VDC) = 12
- Coil - Resistance (Ω) = 720
- Coil - Rated Power, DC (mW) = 200
- Coil - Rated Power Class = 150mW to 200mW Class
- Insulation - Creepage Class = 3mm to 5.5mm Class
- Insulation - Clearance Class = 0 to 2.5mm Class
- Insulation - Special Features = Tracking Index of Relay Base PTI250

Dimensions:
- Mechanical - Length Class = 16mm to 20mm Class
- Length (mm [in]) = 18.20 [0.717]
- Mechanical - Width Class = 10mm to 12mm Class
- Width (mm [in]) = 10.20 [0.400]
- Mechanical - Height Class = 14mm to 15mm Class
- Height (mm [in]) = 14.70 [0.579]
- Insulation - Clearance Between Contact and Coil (mm [in]) = 1.6 [0.093]
- Insulation - Creepage Between Contact and Coil (mm [in]) = 3.2 [0.126]

Body Features:
- Mount Type = PCB
- Weight (g [oz]) = 9.00 [0.318]

Contact Features:
- 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, Sensitive Version

Industry Standards:
- RoHS/ELV Compliance = RoHS/Not 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 not ELV compliant
- Approved/Registered Standards = VDE, CQC, TUEV, 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 = Tray

Other:
- Brand = OEG

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