

K10P-11D15-48 Product Details




K10P-11D15-48

TE Internal Number: 5-1393144-9

 Active

 View 3D PDF

Industrial Relays (General Purpose)

 Converted to EU RoHS but not ELV Compliant
(Statement of Compliance)

Product Highlights:

- K10 Series
- Contact - Current Class = 5A to 10A Class, Less Than 16A
- Contact - Rated Current = 10 A
- Terminal Type = Plug-in, Quick Connect, Solder
- Contact - Arrangement = 2 Form C (CO)

Documentation & Additional Information

Product Drawings:

- None Available

Catalog Pages/Data Sheets:

- [K10 15 Amp General Purpose Miniature Relay \(PDF, English\)](#)

Product Specifications:

- None Available

Application Specifications:

- None Available

Instruction Sheets:

- None Available

CAD Files: (CAD Format & Compression Information)

- [2D Drawing \(DXF, Version 0303\)](#)
- [3D Model \(IGES, Version 0303\)](#)
- [3D Model \(STEP, Version 0303\)](#)

Additional Information:

- [Product Line Information](#)

Additional Product Images:

- [Schematic](#)
- [PCB Layout](#)
- [Wiring Diagram](#)

Related Products:

- [Tooling](#)

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

Product Type Features:

- Series = K10
- Terminal Type = Plug-in, Quick Connect, Solder

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) = 10
- Contact - Limiting Breaking Current (A) = 10
- Insulation - Initial Dielectric Between Coil/Contact Class = 1000V to 1500VA Class
- Insulation - Initial Dielectric Between Open Contacts (V rms) = 1000
- Insulation - Initial Dielectric Between Contacts and Coil (V rms) = 1500
- Contact - Rated Voltage (VAC) = 120
- Contact - Limiting Short-Time Current (A) = 10
- Contact - Switching Recommended Load, Min. = 100mA at 12V
- Coil - Rated Voltage (VDC) = 48
- Coil - Resistance (Ω) = 2600
- Coil - Rated Power, DC (mW) = 900
- Coil - Rated Power Class = 800mW to 1000mW Class
- Insulation - Initial Dielectric Between Adjacent Contacts (V rms) = 1500
- Insulation - Initial Insulation Resistance (M Ω) = 1000000

Dimensions:

- Mechanical - Length Class = 25mm to 30mm Class
- Length (mm [in]) = 28.20 [1.111]
- Mechanical - Width Class = 20mm to 25mm Class

Body Features:

- Mount Type = Socket
- Weight (g [oz]) = 51.00 [1.799]

Contact Features:

- Contact Material = Ag
- Contact - Number of Poles = 2

Configuration Features:

- Contact - Arrangement = 2 Form C (CO)
- Coil - Magnetic System = Monostable, DC
- Coil - Special Features = UL Coil Insulation Class B

Industry Standards:

- RoHS/ELV Compliance = RoHS/Not ELV Compliant
- Lead Free Solder Processes = Not relevant for lead free process
- RoHS/ELV Compliance History = Converted to comply with RoHS not ELV directives
- Approved/Registered Standards = CSA, UL

Environmental:

- Environmental - Category of Protection = RTI
- Environmental - Ambient Temperature, Max. ($^{\circ}\text{C}$ [$^{\circ}\text{F}$]) = 70 [158]
- Environmental - Ambient Temperature Class = 50 $^{\circ}\text{C}$ to 70 $^{\circ}\text{C}$ Class

Packaging Features:

- Packaging Method = Tray

Other:

- Brand = Potter & Brumfield

- Width (mm [in]) = 21.80 [0.858]
- Mechanical - Height Class = 30mm to 40mm Class
- Height (mm [in]) = 34.90 [1.374]

- Accessories/Socket type = Socket