



# KUEP-3D15-110 Product Details

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**KUEP-3D15-110**  
(9-1393113-7)

TE Internal Number: 9-1393113-7

Active

## Industrial Relays (General Purpose)

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

### Product Highlights:

- KUEP Series
- Contact - Current Class = 5A to 10A Class, Less Than 16A
- Contact - Rated Current = 10 A
- Terminal Type = Quick Connect, Solder
- Contact - Arrangement = 1 Form X (NO, Bridging)

[View all Features](#)

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## Documentation & Additional Information

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- Additional Information:**
- [Product Line Information](#)
- Additional Product Images:**
- [Schematic](#)
  - [PCB Layout](#)
  - [Wiring Diagram](#)
  - [Front View](#)
- 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) = 10
  - 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) = 1200
  - Insulation - Initial Dielectric Between Contacts and Coil (V rms) = 2200
  - Contact - Rated Voltage (VDC) = 150
  - Contact - Limiting Short-Time Current (A) = 10
  - Contact - Switching Recommended Load, Min. = 300mA at 12V
  - Coil - Rated Voltage (VDC) = 110
  - [Coil - Resistance \(Ω\)](#) = 10000
  - [Coil - Rated Power, DC \(mW\)](#) = 1250
  - Coil - Rated Power Class = 1W to 1.5W Class
  - Insulation - Initial Insulation Resistance (MΩ) = 100000
- Dimensions:**
- Mechanical - Length Class = 35mm to 40mm Class
  - Length (mm [in]) = 38.90 [1.550]
  - Mechanical - Width Class = 30mm to 40mm Class
  - Width (mm [in]) = 35.70 [1.405]
  - Mechanical - Height Class = 40mm to 50mm Class
  - Height (mm [in]) = 48.40 [1.905]
- Body Features:**
- Mount Type = Socket
  - Weight (g [oz]) = 85.00 [2.988]

- Contact Features:**
- Terminal Type = Quick Connect, Solder
  - Contact Material = AgCdO
  - Contact - Number of Poles = 1
  - Contact - Special Features = Magnetic Blowout
- Configuration Features:**
- [Contact - Arrangement](#) = 1 Form X (NO, Bridging)
  - [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 = UL, CSA
- Environmental:**
- Environmental - Category of Protection = RTI
  - Environmental - Ambient Temperature, Max. (°C [°F]) = 70 [158]
  - Environmental - Ambient Temperature Class = 50°C to 70°C Class
- Packaging Features:**
- Packaging Method = Tray
- Other:**
- [Series](#) = KUEP
  - Brand = Potter & Brumfield
  - Accessories/Socket Type = Chassis mount Socket, DIN-rail Socket, PCB Socket, Snap-in Socket, Track mount Socket

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