



6643252-1 Product Details

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6643252-1

TE Internal Number: 6643252-1
 Active

ICCON Single-Pole Power Connectors

Always EU RoHS/ELV Compliant (Statement of Compliance)

Product Highlights:

- ICCON Product Line
- Wire-to-Board, Board-to-Board
- Board-to-Board Configuration = Mezzanine, Mezzanine/Right Angle, Right Angle
- Contact
- Applies To Printed Circuit Board

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

Product Type Features:

- Product Line = ICCON
- Product Type = Contact
- PCB Mount Retention = With
- PCB Mount Retention Type = Screw Mount
- PCB Mounting Orientation = Vertical

Electrical Characteristics:

- Contact - Rated Current (A) = 35
- Hot Pluggable = No
- Operating Voltage Reference = AC
- Operating Voltage (VAC) = 250
- UL Voltage Rating (VAC) = 250

Termination Features:

- Termination Method to PC Board = Through Hole - Floating

Dimensions:

- Mating Post Length (mm [in]) = 31.75 [1.250]
- Length (X-Axis) (mm [in]) = 51.05 [2.010]
- Width (Z-Axis) (mm [in]) = 3.05 [0.120]
- Profile Height (Y-Axis) (mm [in]) = 11.07 [0.436]

Body Features:

- Mating Retention = Without

Contact Features:

- Contact Type = Pin
- Contact Base Material = Copper
- Contact Plating, Mating Area, Material = Silver
- Contact Plating, Mating Area, Thickness (µm [µin]) = 5.08 [200]
- Contact Design = Screw Machined

Housing Features:

- Mating Alignment = Without

Configuration Features:

- Number of Positions = 1
- Custom Configurable = No

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
- Agency/Standard = UL
- UL Rating = Recognized
- Agency/Standard Number = UL 1977
- UL Flammability Rating = UL 94V-0

Environmental:

- Operating Temperature (°C [°F]) = -40 - +105 [-40 - +221]

Conditions for Usage:

- Board-to-Board Configuration = Mezzanine, Mezzanine/Right Angle, Right Angle
- Applies To = Printed Circuit Board

Operation/Application:

- Application Use = Wire-to-Board, Board-to-Board
- Contact Transmits (Typical Application) = Power
- Pick and Place Cover = Without

Packaging Features:

- Packaging Method = Box/Carton

Other:

- Brand = Elcon
- Comment = Short Version, Float

Feedback

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