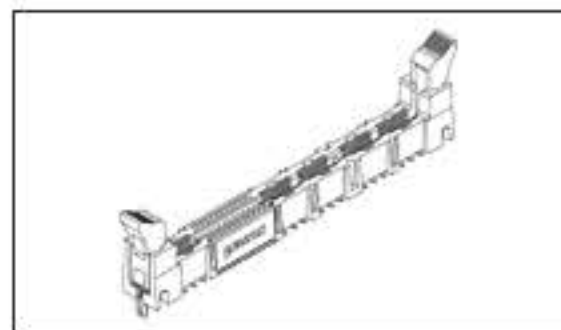




1926024-4 Product Details

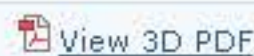
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1926024-4

TE Internal Number: 1926024-4



Active



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Mini CROWN EDGE High Current Connectors



[Always EU RoHS/ELV Compliant \(Statement of Compliance\)](#)

Product Highlights:

- Board-to-Board, Board-to-Board / Card Edge, Card Edge
- Board-to-Board Configuration = Right Angle
- Connector Style = Receptacle
- Contact Transmits (Typical Application) Power, Contact Transmits (Typical Application) Signal (Data), Contact Transmits (Typical Application) Signal (Data)/ Power
- 2/AC Power, 24/Signal, 8/AC Power

[View all Features](#)



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Documentation & Additional Information

Product Drawings:

- [SOCKET CONNECTOR WITH LATCH, SMT P2-S24-P8 MINI CROW...](#) (PDF, English)

Catalog Pages/Data Sheets:

- None Available

Product Specifications:

- None Available

Application Specifications:

- None Available

Instruction Sheets:

- None Available

CAD Files: ([CAD Format & Compression Information](#))

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

Additional Information:

- [Product Line Information](#)

Related Products:

- [Tooling](#)

[List all Documents](#)

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

Product Type Features:

- PCB Mount Retention = With
- Termination Method to PC Board = Surface Mount
- PCB Mounting Orientation = Vertical
- PCB Mount Alignment = With
- Make First / Break Last = No
- CSA File Number = 1935071

Mechanical Attachment:

- Number of Power Positions = 10
- Mating Retention Type = Latching

Electrical Characteristics:

- Contact - Rated Current (A) = 25
- Hot Pluggable = No
- Operating Voltage Reference = AC
- Operating Voltage (VAC) = 250

Termination Features:

- Tail Orientation = In-line

Dimensions:

- Profile Height (Y-Axis) (mm [in]) = 19.25 [0.758]

Body Features:

- Number of Positions = 34
- Number of Signal Positions = 24
- PCB Mount Retention Type = Boardlock(s)
- Centerline (mm [in]) = 1.27 [0.050]
- Centerline, Power Contacts (mm [in]) = 9.70 [0.381]
- Mating Retention = With
- Number of Rows = 2
- Length (X-Axis) (mm [in]) = 95.07 [3.740]
- Width (Z-Axis) (mm [in]) = 9.03 [0.3555]
- Card Slot Depth (mm [in]) = 6.00 [0.236]

Contact Features:

- Tail Plating Material = Matte Tin
- Tail Plating, Thickness (µm [µin]) = 3.05 [120]
- Contact Design = Multiple Contact Band/CROWN BAND
- Contact Type = Socket
- Contact Base Material = Copper Alloy
- Contact Plating, Mating Area, Material = Gold
- Contact Plating, Mating Area, Thickness (µm [µin]) = 0.762 [30]

Housing Features:

- Connector Style = Receptacle
- Mating Alignment = With
- Mating Alignment Type = Blindmate, Blindmate/Keyed, Keyed
- Housing Material = Thermoplastic
- Housing Color = Black
- UL Flammability Rating = UL 94V-0

Configuration Features:

- Connector Contact Configuration (No. of Pos./Type) = 2/AC Power, 24/Signal, 8/AC Power
- Custom Configurable = Yes

Industry Standards:

- Agency/Standard = UL, CSA
- [RoHS/ELV Compliance](#) = RoHS compliant, ELV compliant
- [Lead Free Solder Processes](#) = Reflow solder capable to 245°C, Reflow solder capable to 260°C
- RoHS/ELV Compliance History = Always was RoHS compliant
- Agency/Standard Number = UL 1977
- UL Voltage Rating (VAC) = 250

Environmental:

- Operating Temperature (°C [°F]) = -55 - +105 [-67 - +221]

Conditions for Usage:

- Board-to-Board Configuration = Right Angle
- Accepts Card Width (mm [in]) = 73.97 [2.91]
- Accepts Card Thickness (mm [in]) = 1.57 [0.062]
- Applies To = Printed Circuit Board

Operation/Application:

- Application Use = Board-to-Board, Card Edge, Board-to-Board / Card Edge
- Contact Transmits (Typical Application) = Power, Signal (Data), Signal (Data)/ Power
- Pick and Place Cover = Without

Packaging Features:

- Packaging Method = Tray

Other:

- Brand = Elcon

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