

1934219-1 Product Details

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TE Internal Number: 1934219-1

Active

Z-PACK TinMan Connectors

Always EU RoHS/ELV Compliant (Statement of Compliance)

Product Highlights:

- Board-to-Board Configuration = Co-Planar, Co-Planar/Right Angle, Right Angle
- Connector Assembly
- Connector Style = Receptacle
- Contact Type = Socket
- 90 Positions

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Documentation & Additional Information	
Product Drawings: - None Available Catalog Pages/Data Sheets: - None Available Product Specifications: - Z-PACK TinMan* Connector System (PDF, English) Application Specifications: - Z-PACK TinMan Connector System (PDF, English) Instruction Sheets: - None Available CAD Files: - None Available	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: - Connector Type = Connector Assembly - PCB Mounting Orientation = Right Angle - PCB Mount Retention = With - PCB Mount Retention Type = Compliant Posts - Termination Method to PC Board = Through Hole - Press Fit - PCB Mount Alignment = Without - Sealed = No - UL File Number = E28476 Mechanical Attachment: - Stackable = No Electrical Characteristics: - Data Rate (Gb/s) = 10.000 - Differential Impedance (Ω) = 100 - Contact - Rated Current (A) = 0.5 - Hot Pluggable = No - Operating Voltage Reference = AC - Operating Voltage (VAC) = 250 Termination Features: - Tail Length (mm [in]) = 2.2 [0.087] Dimensions: - PCB Thickness, Recommended (mm [in]) = 1.57 [0.062] Body Features: - Row-to-Row Spacing (mm [in]) = 1.40 [0.055] - Mating Retention = Without Contact Features: - Contact Type = Socket - Contact Design = Dual Beam - Contact Base Material = Phosphor Bronze - Contact Plating, Mating Area, Material = Gold - Contact Plating, Mating Area, Thickness (μm [μin]) = 0.76 [29.92] - Contact Plating, Termination Area, Material = Matte Tin - Contact Plating, Termination Area, Thickness (μm [μin]) = 0.5 [20]	Housing Features: - Connector Style = Receptacle - Housing Color = Black - Centerline (mm [in]) = 1.90 [0.075] - Mating Alignment = With - Mating Alignment Type = Guide Slot - Housing Material = Liquid Crystal Polymer (LCP) - UL Flammability Rating = UL 94V-0 Configuration Features: - Number of Positions = 90 - Number of Signal Positions = 60 - Number of Rows = 15 - Number of Columns = 6 - Number of Pairs per Connector = 30 - Pairs per Column = 5 - Differential Signaling = Yes Industry Standards: - RoHS/ELV Compliance = RoHS compliant, ELV compliant - Lead Free Solder Processes = Not relevant for lead free process - RoHS/ELV Compliance History = Always was RoHS compliant - Agency/Standard = UL - UL Rating = Recognized - UL Voltage Rating (VAC) = 250 Environmental: - Operating Temperature (°C [°F]) = -65 - +90 [-85 - +194] Conditions for Usage: - Board-to-Board Configuration = Co-Planar, Co-Planar/Right Angle, Right Angle Operation/Application: - Contact Transmits (Typical Application) = Signal (Data) Packaging Features: - Packaging Method = Tube Other: - Brand = TE Connectivity

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