



# 1934305-1 Product Details



**1934305-1**

TE Internal Number: 1934305-1

**Active**

## Z-PACK TinMan Connectors

Always EU RoHS/ELV Compliant (Statement of Compliance)

### Product Highlights:

- Board-to-Board Configuration = Mezzanine, Mezzanine/Right Angle, Right Angle
- Header
- Header Type = Partially Shrouded
- Connector Style = Plug
- Contact Type = Pin

[View all Features](#)

### Quick Links

- ▶ [Pricing & Availability](#)
- ▶ [Search for Tooling](#)
- ▶ [View Mating Products \(1\)](#)
- ▶ [Product Feature Selector](#)
- ▶ [Contact Us About This Product](#)

[Add to My Part List](#) | [Request Sample](#) | [Find Similar Products](#) | [Buy Product](#)

## Documentation & Additional Information

Documents are temporarily unavailable. We are working hard to correct the problem. Please try again later.

### Additional Information:

- [Product Line Information](#)

### Related Products:

- [Tooling](#)
- [Mating Products \(1\)](#)

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

### Product Type Features:

- Connector Type = Header
- PCB Mounting Orientation = Vertical
- Module Type = Center
- PCB Mount Retention = With
- PCB Mount Retention Type = Action/Compliant Tail
- PCB Mount Alignment = Without
- Sealed = No

### Electrical Characteristics:

- Data Rate (Gb/s) = 10
- Differential Impedance (Ω) = 100
- Contact - Rated Current (A) = 0.5
- 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 - Press Fit

### Dimensions:

- Stack Height (mm [in]) = 16.00 [0.630]
- Tail Length (mm [in]) = 2.5 [0.098]
- PCB Thickness, Recommended (mm [in]) = 1.57 [0.062]

### Body Features:

- Header Type = Partially Shrouded
- Row-to-Row Spacing (mm [in]) = 1.40 [0.055]
- Mating Retention = Without

### Contact Features:

- Contact Type = Pin
- Contact Design = Rectangular Post
- 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 = Plug
- End Wall Location = Open

### Configuration Features:

- Number of Positions = 96
- Number of Signal Positions = 64
- [Number of Rows](#) = 12
- [Number of Columns](#) = 8
- Number of Pairs per Connector = 32
- Pairs per Column = 4
- Stackable = Yes
- 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 File Number = E28476
- UL Flammability Rating = UL 94V-0

### Environmental:

- Operating Temperature (°C [°F]) = -65 - +90 [-85 - +194]

### Conditions for Usage:

- Board-to-Board Configuration = Mezzanine, Mezzanine/Right Angle, Right Angle

### Operation/Application:

- Contact Transmits (Typical Application) = Signal (Data)

### Packaging Features:

- Packaging Method = Tube

### Other:

- Brand = TE Connectivity

- Housing Color = Black
- Centerline (mm [in]) = 1.90 [0.075]
- Mating Alignment = With
- Mating Alignment Type = Guide Slot
- Housing Material = Liquid Crystal Polymer (LCP)

## Corporate Information

[About TE](#)  
[Investors](#)  
[News Room](#)  
[Supplier Portal](#)  
[Careers](#)  
[Terms & Conditions](#)  
[Privacy Policy](#)  
[AODA Accessibility Policy](#)  
[AODA Multi-Year Accessibility Plan](#)

## Quick Links

[Distributor Inventory](#)  
[Product Cross Reference](#)  
[Documents & Drawings](#)  
[Product Compliance Support Center](#)  
[Site Map](#)

## Customer Support

[Email or Chat With Us](#)  
[Find a Phone Number](#)  
[Knowledge Base](#)  
[Manage Your Account](#)

## Keep Me Informed

