



2180830-2 Product Details



2180830-2

STRADA Whisper Backplane Interconnection System

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

Product Highlights:

- STRADA Whisper Product Line
- Applies To Printed Circuit Board
- Board-to-Board
- Board-to-Board Configuration = Vertical
- Connector

[View all Features](#)

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TE Internal Number: 2180830-2

Active

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Documentation & Additional Information

Product Drawings:

- [HEADER ASSEMBLY, 4 PAIR 6 COLUMN, 4.5mm PITCH, STRAD...](#) (PDF, English)

Catalog Pages/Data Sheets:

- [6-1773465-0 STRADA Whisper Backplane Connector Family](#) (PDF, English)

Product Specifications:

- [4.5 mm STRADA WHISPER* Connector System](#) (PDF, English)

Application Specifications:

- [4.5-mm STRADA Whisper Connector System](#) (PDF, English)

Instruction Sheets:

- None Available

CAD Files: (CAD Format & Compression Information)

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

[List all Documents](#)

Related Products:

- [Tooling](#)

Feedback

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

Product Type Features:

- Product Line = STRADA Whisper
- Product Type = Connector
- Connector Type = Header
- PCB Mounting Orientation = Vertical
- Module Type = Center
- PCB Mount Retention = With

Electrical Characteristics:

- Data Rate (Gb/s) = 40
- Differential Impedance (Ω) = 100

Dimensions:

- Tail Length (mm [in]) = 1.5 [0.059]

Body Features:

- Header Type = Backplane

Contact Features:

- Contact Type = Pin
- Contact Design = Dual Beam

Housing Features:

- Centerline (mm [in]) = 4.50 [0.177]
- Connector Style = Plug
- End Wall Location = Open

Configuration Features:

- Number of Positions = 72
- Number of Signal Positions = 48
- Number of Columns = 6
- Number of Pairs per Connector = 24
- Pairs per Column = 4
- 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 = Converted to comply with RoHS directive

Conditions for Usage:

- Applies To = Printed Circuit Board
- Board-to-Board Configuration = Vertical

Operation/Application:

- Application Use = Board-to-Board

Other:

- Brand = TE Connectivity

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