

8-6318491-6 Product Details



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TE Internal Number: 8-6318491-6

 **Active**

 [View 3D PDF](#)

0.5mm Free Height

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

Product Highlights:

- Connector Style = Plug
- Family Name = Free Height
- .50 mm Centerline
- 220 Positions
- In-Line Contact Layout

[View all Features](#)

Have a Question?

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Documentation & Additional Information

Product Drawings:

- [HARD TRAY ASSY FH 0.5BTB CONNECTOR 220POS PLUG 8H WI...](#) (PDF, Japanese)

Catalog Pages/Data Sheets:

- None Available

Product Specifications:

- [0.5mm Pitch Board to Board Connector, Free Height Type](#) (PDF, English)

Application Specifications:

- None Available

Instruction Sheets:

- None Available

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

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

Additional Product Images:

- [Product Photo](#)
- [Side View](#)

Related Products:

- [Tooling](#)

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

Product Type Features:

- [Keyed](#) = Yes
- PCB Mount Angle = Vertical
- [Sealant](#) = With
- Industry Application = Board-to-Board (Personal Systems/Computers), Mezzanine/Stacking (Multi-User), Networking (Communications)

Body Related Features:

- [Centerline \(mm \[in\]\)](#) = 0.50 [0.0197]
- [Number of Positions](#) = 220
- [Board-to-Board Stack Height \(mm \[in\]\)](#) = 8.00 [0.315], 12.00 [0.472]
- [Grounding Plate](#) = With
- [Grounding Contact](#) = With
- [Locating Post\(s\)](#) = With
- Type = COM Express

Contact Related Features:

- Family Name = Free Height
- [Contact Layout](#) = In-Line
- Contact Base Material = Copper Alloy
- [Contact Plating, Mating Area, Material](#) = Gold (8)
- Region = Americas

Housing Related Features:

- [Connector Style](#) = Plug

Industry Standards:

- [RoHS/ELV Compliance](#) = RoHS compliant, ELV compliant
- [Lead Free Solder Processes](#) = Reflow solder capable to 245°C
- RoHS/ELV Compliance History = Always was RoHS compliant

Packaging Related Features:

- [Packaging Method](#) = Hard Tray

Other:

- Brand = Tyco Electronics

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