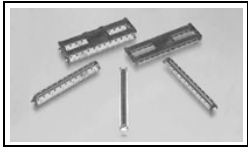


## 3-6318491-6 Product Details



**3-6318491-6**

TE Internal Number: 3-6318491-6



[Active](#)



[View 3D PDF](#)

### 0.5mm Free Height

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

#### Product Highlights:

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

[View all Features](#)

#### Quick Links

- ▶ [Check Pricing & Availability](#)
- ▶ [Search for Tooling](#)
- ▶ [View Mating Products \(2\)](#)
- ▶ [Product Feature Selector](#)
- ▶ [Contact Us About This Product](#)

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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:

- [2-1773454-6 Stacking Connectors](#) (PDF, English)
- [Fine Pitch Stacking Connectors - 0.5mm Free Height \(...\)](#) (PDF, English)

#### 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)

[List all Documents](#)

#### Additional Product Images:

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

#### Related Products:

- [Tooling](#)
- [Mating Products \(2\)](#)

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

#### Product Type Features:

- [Connector Type](#) = Plug
- [Number of Positions](#) = 220
- [Keved](#) = Yes
- PCB Mount Angle = Vertical
- Industry Application = Board-to-Board (Personal Systems/Computers), Mezzanine/Stacking (Multi-User), Networking (Communications)

#### Body Related Features:

- [Centerline \(mm \[in\]\)](#) = 0.50 [0.0197]
- [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

#### 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 = AMP