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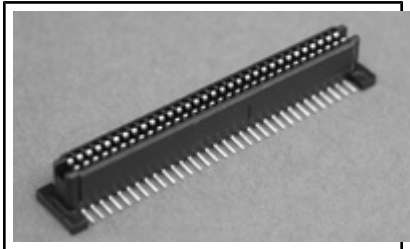
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# 5120521-1 Product Details

 **Live Product Chat** US Only  
8:30am - 5pm ET, Mon - Fri



5120521-1

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**.4mm, .5mm, .6mm, .8mm, 1mm, Fine Pitch, Surface Mount, Stacking Bd-to-Bd Connectors**



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

#### Product Highlights:

- Receptacle
- Family Name = Free Height
- 1.00 mm Centerline
- Number of Positions = 64
- In-Line Contact Layout

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**Documentation & Additional Information**

**Product Drawings:**

- [RECEPTACLE ASSY, 1.0mm FH\(IEEE1386\) CONNECTOR](#) (PDF, English)

**Catalog Pages/Data Sheets:**

- [Fine Pitch Stacking Connectors - 1.0mm Free Height \(...\)](#) (PDF, English)

**Product Specifications:**

- None Available

**Application Specifications:**

- None Available

**Instruction Sheets:**

- None Available

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

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

**Additional Information:**

- [Product Line Information](#)

**Additional Product Images:**

- [Product Photo](#)

**Related Products:**

- [Tooling](#)
- [Mating Products \(9\)](#)

[List all Documents](#)

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

- [Gender](#) = Receptacle
- [Number of Positions](#) = 64
- PCB Mount Angle = Vertical
- [Keyed](#) = No
- Comment = IEEE 1386 Mezzanine Connector.

**Termination Related Features:**

- Solder Tail Contact Plating = Tin over Nickel

**Body Related Features:**

- [Centerline \(mm \[in\]\)](#) = 1.00 [0.039]
- [Board-to-Board Stack Height \(mm \[in\]\)](#) = 8.00 [0.315], 9.00 [0.354], 10.00 [0.394]
- [Grounding Plate](#) = Without
- [Grounding Contact](#) = Without
- [Locating Posts](#) = With
- [Vacuum Cover](#) = Without
- Number of Rows = Dual

**Contact Related Features:**

- Family Name = Free Height
- [Contact Layout](#) = In-Line
- Contact Material = Copper Alloy
- [Contact Mating Area Plating Material](#) = Gold (30)

**Housing Related Features:**

- Housing Color = Black
- Housing Material = Thermoplastic High Temperature
- Housing Flammability Rating = UL 94V-0
- Housing Material Temperature = High

**Industry Standards:**

- [RoHS/ELV Compliance](#) = RoHS compliant, ELV compliant
- [Lead Free Solder Processes](#) = Wave solder capable to 240°C, Wave solder capable to 260°C, Wave solder capable to 265°C, Reflow solder capable to 245°C, Reflow solder capable to 260°C, Pin-in-Paste capable to 245°C, Pin-in-Paste capable to 260°C
- RoHS/ELV Compliance History = Always was RoHS compliant

**Packaging Related Features:**

- [Packaging Method](#) = Tape & Reel

**Other:**

- Brand = AMP

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