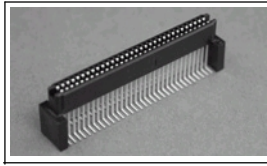


**Product Details for 146896 - 1**



**146896 - 1**

[Active](#)

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

[5 of 6 RoHS/ELV Compliant](#) ([Find RoHS Compliant Alternates/Compliance Statement](#))

**Product Highlights:**

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

[View all Features](#)

**Quick Links**

- [Check Pricing & Availability](#)
- [Search for Tooling](#)
- [View Mating Products \(12\)](#)
- [Product Feature Selector](#)
- [Contact Us About This Product](#)

**Documentation & Additional Information**

**Product Drawings:**

- ? [RECEPTACLE ASSY, W/ VACUUM COVER, 1.0mm FH \(IEEE 138...](#) (PDF, English)

**Catalog Pages/Data Sheets:**

- ? None Available

**Product Specifications:**

- ? None Available

**Application Specifications:**

- ? None Available

**Instruction Sheets:**

- ? None Available

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

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

[List all Documents](#)

**Additional Information:**

- ? [Product Line Information](#)

**Additional Product Images:**

- ? [Product Photo](#)

**Related Products:**

- ? [Tooling](#)
- ? [Mating Products \(12\)](#)

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

**Product Type Features:**

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

**Body Related Features:**

- ? [Centerline \(mm \[in\]\)](#) = 1.00 [0.039]
- ? [Board -to -Board Stack Height \(mm \[in\]\)](#) = 14.00 [0.551], 15.00 [0.590]
- ? [Locating Posts](#) = With
- ? [Vacuum Cover](#) = With
- ? Number of Rows = Dual

**Contact Related Features:**

- ? Family Name = Free Height
- ? [Contact Layout](#) = In -Line
- ? Contact Material = Copper Alloy
- ? [Contact Mating Area Plating](#) = Gold (30)
- ? Contact Termination Area Plating = Tin -Lead over Nickel

**Housing Related Features:**

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

**Industry Standards:**

- ? [RoHS/ELV Compliance](#) = ELV compliant, 5 of 6 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

**Packaging Related Features:**

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

**Other:**

- ? Brand = AMP