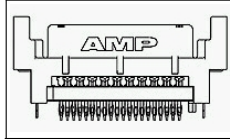


**Product Details for 796068 -3**



**796068 -3**

[Active](#)

**1.27 [.050] Series I, HD, FH and J Connectors**

[RoHS Compliant \(Statement of Compliance\)](#)

**Product Highlights:**

- ? Connector
- ? Receptacle
- ? Number of Positions = 40
- ? 1.27 mm Centerline
- ? Standard Profile

[View all Features](#)

**Quick Links**

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

**Documentation & Additional Information**

**Product Drawings:**

- ? [RECEPTACLE ASSEMBLY, VERTICAL, 40 POSITION, PRESS FI...](#) (PDF, English)

**Catalog Pages/Data Sheets:**

- ? None Available

**Product Specifications:**

- ? [Connector, CHAMP\\* Blindmate, .050 Series I](#) (PDF, English)

**Application Specifications:**

- ? [CHAMP .050 Series I Blindmate Plug and Receptacle Si...](#) (PDF, English)

**Instruction Sheets:**

- ? [Seating Tool Assemblies 1320142 -\[\] and 356198 -\[\] for...](#) (PDF, English)
- ? [Design Recommendations f/Printed Circuit \(PC\) Board ...](#) (PDF, English)
- ? [Adapter Kit for Greenerd Manual Frame Assemblies 3A...](#) (PDF, English)

**CAD Files:**

- ? None Available

[List all Documents](#)

**Additional Information:**

- ? [Product Line Information](#)

**Related Products:**

- ? [Tooling](#)

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

**Product Type Features:**

- ? [Product Type](#) = Connector
- ? [Gender](#) = Receptacle
- ? [Number of Positions](#) = 40
- ? [Profile](#) = Standard
- ? PCB Mount Style = Press Fit
- ? Special PCB Retention = With
- ? [Special PCB Retention Method](#) = Retention Leg
- ? [PCB Mount Angle](#) = Vertical
- ? [Connector Type](#) = Blindmate
- ? [PCB Polarization](#) = With
- ? [PCB Polarization Method](#) = Post Polarization
- ? Retention Leg Material = Brass
- ? Color = Black
- ? Sealed Bottom = Without
- ? Product Series = Series I

**Mechanical Attachment:**

- ? Retention Leg Plating = Tin over Nickel

**Termination Related Features:**

- ? [Termination Post Length \(mm \[in\]\)](#) = 3.43 [0.135]

**Body Related Features:**

- ? [Centerline \(mm \[in\]\)](#) = 1.27 [0.050]

**Contact Related Features:**

- ? [Contact Mating Area Plating](#) = Gold (30) over Nickel
- ? Contact Material = Phosphor Bronze
- ? Contact Termination Area Plating = Tin over Nickel

**Housing Related Features:**

- ? [Housing Temperature Rating](#) = High
- ? Housing Material = Liquid Crystal Polymer (LCP)
- ? Housing Flammability Rating = UL 94V -0

**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

**Operation/Application:**

- ? [Application](#) = Fibre Channel Disk Drive, High Speed Serial Data, SCA2 (Single Connector Attachment)

**Other:**

- ? Brand = AMP