

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



 Active

RoHS Compliant (Statement of Compliance)

Product Highlights:

- ? Connector
- ? Receptacle
- ? Number of Positions = 80
- ? 1.27 mm Centerline
- ? High Profile

[View all Features](#)

Quick Links

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Product Drawings:

- ? [RECEPTACLE ASSEMBLY, VERTICAL, EXTENDED HEIGHT, 80 P...](#)
(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

Product Type Features:

- ? Product Type = Connector
- ? Gender = Receptacle
- ? Number of Positions = 80
- ? Profile = High
- ? PCB Mount Style = Thru Hole
- ? 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
- ? Comment = 1.27 [.050] Max. Burr Trimming Allowable.

Mechanical Attachment:

- ? Retention Leg Plating = Tin over Nickel

Termination Related Features:

- ? $\frac{\text{Termination Post Length (mm [in])}}{[0.125]} = 3.18$

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 = Standard
- ? 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 = SCA2 (Single Connector Attachment), SCSI

Other:

- ? Brand = AMP