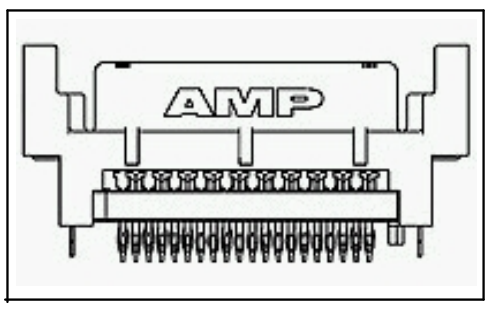
Product Details for 787900 -2



787900 -2

Active

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

RoHS Compliant (Statement of Compliance)

Product Highlights:

- Connector
- Receptacle
- Number of Positions = 80
- 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, 80 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: (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

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 = 80
- 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 = Keying Post
- Retention Leg Material = Brass
- Color = Black
- Sealed Bottom = Without
- Product Series = Series I
- Comment = Positions 1, 36 -40, 41 -43, 45, 46, and 75 -80 are positioned toward mating face [mate first], all others are positioned away [mate second],

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 = SCA2 (Single Connector Attachment), SCSI

Other:

- Brand = AMP

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