Product Details for 3 -5178238 -0

No Image Available

3-5178238 -0

Active

1.27 [.050] Series II and Series III Connectors

RoHS Compliant (Statement of Compliance)

Product Highlights:

- Mating Type = Receptacle
- Number of Positions = 80
- Terminate To Printed Circuit Board
- Right Angle Mount Angle
- With Special PCB Retention

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 HDR ASSY (3.1mm) RETENTION LEG TYPE STAND... (PDF, English)

Catalog Pages/Data Sheets:

- None Available

Product Specifications:

- CHAMP.050 Series(II) Connector Wire to Board Type (PDF, English)

Application Specifications:

- None Available

Instruction Sheets:

- None Available

CAD Files: (CAD Format & Compression Information)

- 3D Model (STEP, Version A)
- 3D Model (IGES, Version A)
- 2D Drawing (DXF, Version A)

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:

- Mating Type = Receptacle
- Number of Positions = 80
- Mount Angle = Right Angle
- Special PCB Retention = With
- Mating Connector Lock = Without
- Product Series = Series II
- PCB Thickness (mm [in]) = 1.57 – 2.36 [0.062 – 0.093]
- Special PCB Retention Method = Boardlock
- Panel Thickness (mm [in]) = 2.01 [0.079]
- Color = Black
- Frame Material = Die Cast Zinc
- Shield Material = Steel
- Comment = Alternate tail lengths 3.90 [.153] and 2.20 [.087] available

Mechanical Attachment:

- Panel Attachment = With
- Boardlock Material = Phosphor Bronze
- Boardlock Plating = Tin over Nickel

Termination Related Features:

- Termination Post Length (mm [in]) = 3.10 [0.122]
- Solder Tail Plating = Tin

Body Related Features:

- Centerline (mm [in]) = 1.27 [0.050]
- Frame Plating = Nickel
- Shield Plating = Nickel

Contact Related Features:

- Contact Mating Area Plating = Gold (30)
- Contact Material = Phosphor Bronze

Housing Related Features:

- Housing Material Temperature = Standard
- Housing Material = Glass -Filled Nylon
- 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
- RoHS/ELV Compliance History = Always was RoHS compliant

Conditions for Usage:

- Terminate To = Printed Circuit Board

Other:

- Brand = AMP

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