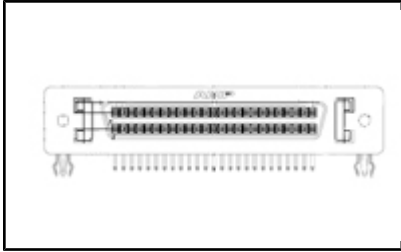


# 5787082-5 Product Details



5787082-5



[Active](#)

## .050 Series Board Mount Connectors



[Always EU RoHS/ELV Compliant \(Statement of Compliance\)](#)

### Product Highlights:

- Connector
- Receptacle
- Number of Positions = 50
- Shielded
- With Mating Connector Lock

[View all Features](#) | [Find Similar Products](#)

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## Documentation & Additional Information

### Product Drawings:

- [RECEPTACLE ASSEMBLY, SHIELDED, RIGHT ANGLE, .050 SER...](#) (PDF, English)

### Catalog Pages/Data Sheets:

- None Available

### Product Specifications:

- [Connector, AMPLIMITE, Shielded, .050 Series](#) (PDF, English)

### Application Specifications:

- [AMPLIMITE .050 Series Insulation Displacement and Pr...](#) (PDF, English)

### Instruction Sheets:

- None Available

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

- [2D Drawing](#) (DXF, Version O1)
- [3D Model](#) (IGES, Version O1)
- [3D Model](#) (STEP, Version O1)

### Additional Information:

- [Product Line Information](#)

### Additional Product Images:

- [Panel Cutout](#)

### Related Products:

- [Tooling](#)

[List all Documents](#)

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

**Product Type Features:**

- [Product Type](#) = Connector
- [Gender](#) = Receptacle
- [Number of Positions](#) = 50
- [Shielded](#) = Yes
- [Mating Connector Lock](#) = With
- [Mount Angle](#) = Right Angle
- [PCB Polarization](#) = Without
- [PCB Retention Feature](#) = Yes
- [Rails](#) = Without
- [Shell Type](#) = Full Metal
- [Product Series](#) = Series III
- Mating Connector Lock Type = Latch Blocks
- Shell Material = Steel
- Bracket Material = Zinc
- PCB Thickness (mm [in]) = 1.57 [0.062]

**Mechanical Attachment:**

- Bracket Plating = Nickel over Copper
- Boardlock Material = Copper Alloy
- Boardlock Plating = Tin over Nickel

**Termination Related Features:**

- [Termination \(Solder\) Post Length \(mm \[in\]\)](#) = 2.54 [0.100]

**Body Related Features:**

- [PCB Retention Method](#) = Boardlock(s)
- Post Plating = Tin over Nickel
- Shell Plating = Bright Tin

**Contact Related Features:**

- [Contact Mating Area Plating](#) = Gold (30), Gold Flash over Palladium Nickel
- Contact Material = Phosphor Bronze

**Housing Related Features:**

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

**Industry Standards:**

- [RoHS/ELV Compliance](#) = RoHS compliant, ELV compliant
- [Lead Free Solder Processes](#) = Reflow solder capable to 245°C, Reflow solder capable to 260°C
- RoHS/ELV Compliance History = Always was RoHS compliant

**Other:**

- Brand = AMP

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