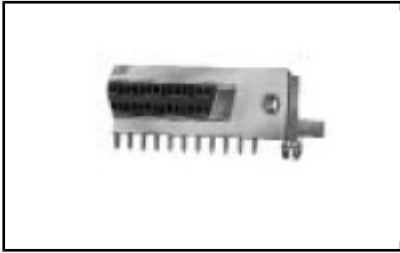


787170-7 Product Details



787170-7



[Active](#)

.050 Series Board Mount Connectors



[5 of 6 EU RoHS/ELV Compliant](#) ([Find RoHS Compliant Alternates/Statement of Compliance](#))

Product Highlights:

- Connector
- Receptacle
- Number of Positions = 68
- Shielded
- Without Mating Connector Lock

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

NEW!

Documentation & Additional Information

Product Drawings:

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

Catalog Pages/Data Sheets:

- [INTERCONNECTS FOR NETWORKING](#) (PDF, English)
- [MULTI-USER SYSTEMS](#) (PDF, English)
- [AMPLIMITE SUBMINATURE D TYPE CONNECTORS](#) (PDF, English)
- [PERSONAL SYSTEMS PRODUCTS](#) (PDF, English)

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 T)
- [3D Model](#) (IGES, Version T)
- [3D Model](#) (STEP, Version T)

Additional Information:

- [Product Line Information](#)

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](#) = 68
- [Shielded](#) = Yes
- [Mating Connector Lock](#) = Without
- [Mount Angle](#) = Right Angle
- [PCB Polarization](#) = Without
- [PCB Retention Feature](#) = Yes
- [Rails](#) = Without
- [Shell Type](#) = Full Metal
- [Product Series](#) = Series III
- Shell Material = Steel
- Bracket Material = Zinc
- PCB Thickness (mm [in]) = 1.57 [0.062]
- Comment = Female screwlocks must be used to mate with cable assemblies with male jackscrew hardware.

Mechanical Attachment:

- Bracket Plating = Nickel over Copper
- Boardlock Material = Copper Alloy
- Boardlock Plating = Tin-Lead 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 Lead 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](#) = ELV compliant, 5 of 6 Compliant
- [Lead Free Solder Processes](#) = Not suitable for lead free processing

Other:

- Brand = AMP

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