

5787656-1 Product Details



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TE Internal Number: 5787656-1



[Active](#)

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Stacked Connectors

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

Product Highlights:

- Connector Configuration [Upper Conn./Lower Conn.] = Same Series
- Receptacle over Receptacle
- Mating Connector Lock Type = Latch Blocks
- Without Mating Polarization
- Yes PCB Retention Feature

[View all Features](#)

Documentation & Additional Information

Product Drawings:

- [RECEPTACLE ASSEMBLY, STACKED, RIGHT ANGLE, .050 SERI...](#) (PDF, English)

Catalog Pages/Data Sheets:

- [AMPLIMITE Subminiature D Connectors - .050 Series Co...](#) (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 01)
- [3D Model](#) (IGES, Version 01)
- [3D Model](#) (STEP, Version 01)

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:

- [Gender](#) = Receptacle over Receptacle
- Mating Connector Lock Type = Latch Blocks
- Mating Polarization = Without
- [PCB Retention Feature](#) = Yes
- [Stacked Number of Positions \[Upper Conn./Lower Conn.\]](#) = 50/50
- Shell Type = Full Metal Shell
- Product Series = Series III
- Color Code = None
- Pin/Socket = Socket (Upper)/Socket (Lower)
- PCB Mount Angle = Right Angle
- PCB Thickness (mm [in]) = 1.57 [0.062]
- Stacked Product Series [Upper Conn./Lower/ Conn.] = .50 Series / .50 Series
- Rails = With
- Shell Material = Steel
- Bracket Material = Zinc

Mechanical Attachment:

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

Termination Related Features:

- Termination Post Length (mm [in]) = 3.05 [0.120]
- Solder Tail Contact Plating = Tin over Nickel

Body Related Features:

- [Connector Configuration \[Upper Conn./Lower Conn.\]](#) = Same Series
- [Centerline, Matrix \(mm \[in\]\)](#) = 1.27 x 2.54 [.050 x .100]
- PCB Retention Method = Boardlock(s)
- Shell Plating = Bright Tin
- Case Material = Aluminum

Contact Related Features:

- [Contact Mating Area Plating Material](#) = Gold (30)
- Contact Base Material = Phosphor Bronze

Housing Related Features:

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

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