



5786557-9 Product Details



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TE Internal Number: 5786557-9

 **Active**

 [View 3D PDF](#)

.050 Series Board Mount Connectors

 Always EU RoHS/ELV Compliant (Statement of Compliance)

Product Highlights:

- Connector
- Connector Style = Receptacle
- 100 Positions
- PCB Mounting Orientation = Vertical
- Termination Method to PC Board = Through Hole - Solder

[View all Features](#)

Quick Links

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Documentation & Additional Information

Product Drawings:

- [RECEPTACLE ASSEMBLY, SHIELDED, VERTICAL, FLAT TOP, A...](#) (PDF, English)

Catalog Pages/Data Sheets:

- None Available

Product Specifications:

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

Application Specifications:

- [AMPLIMITE .050 Series Cable End Insulation Displacem...](#) (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)

[List all Documents](#)

Additional Information:

- [Product Line Information](#)

Additional Product Images:

- [Panel Cutout](#)

Related Products:

- [Tooling](#)

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

Product Type Features:

- [Product Type](#) = Connector
- PCB Mounting Orientation = Vertical
- PCB Mount Retention = With
- PCB Mount Retention Type = Action/Compliant Tail
- [PCB Mount Alignment](#) = Without
- [Shell Type](#) = Full Metal
- [Product Series](#) = Series III

Mechanical Attachment:

- Mating Retention Type = Mounting Screws

Termination Features:

- Termination Method to PC Board = Through Hole - Solder
- [Termination Post Length](#) (mm [in]) = 7.11 [0.280]

Dimensions:

- PCB Thickness, Recommended (mm [in]) = 3.18 - 5.08 [0.125 - 0.200]

Body Features:

- Mating Retention = With
- Post Plating = Tin over Nickel
- Shell Material = Carbon Steel
- Shell Plating = Tin over Copper
- Bracket Material = Zinc
- Bracket Plating = Nickel over Copper

Contact Features:

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

Housing Features:

- Connector Style = Receptacle
- Mating Alignment = Without
- Centerline (mm [in]) = 1.27 [0.050]
- Housing Material = Thermoplastic - GF
- Housing Color = Black

Configuration Features:

- [Number of Positions](#) = 100
- [Shielded](#) = Yes

Industry Standards:

- [RoHS/ELV Compliance](#) = RoHS compliant, ELV compliant
- [Lead Free Solder Processes](#) = Not relevant for lead free process
- RoHS/ELV Compliance History = Always was RoHS compliant
- UL Flammability Rating = UL 94V-0

Other:

- Brand = AMP

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