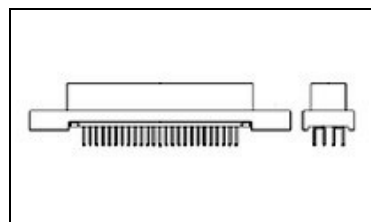




5749085-9 Product Details

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5749085-9

 TE Internal Number: 5749085-9
Active
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.050 Series Board Mount Connectors

Always EU RoHS/ELV Compliant (Statement of Compliance)

Product Highlights:

- Connector
- Connector Style = Plug
- 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:

- [PLUG ASSEMBLY, SHIELDED, VERTICAL, AMPLIMITE .050 S...](#) (PDF, English)

Catalog Pages/Data Sheets:

- None Available

Product Specifications:

- [Connector, AMPLIMITE, Shielded, .050 Series](#) (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 0)
- [3D Model](#) (IGES, Version 0)
- [3D Model](#) (STEP, Version 0)

[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:

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

Termination Features:

- Termination Method to PC Board = Through Hole - Solder
- [Termination Post Length \(mm \[in\]\)](#) = 3.18 [0.125]

Body Features:

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

Contact Features:

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

Housing Features:

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

Configuration Features:

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

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
- UL Flammability Rating = UL 94V-0

Other:

- Brand = AMP

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