


5749070-9

TE Internal Number: 5749070-9

 [Active](#)

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.050 Series Board Mount Connectors

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

Product Highlights:

- Connector
- Connector Type = Receptacle
- Number of Positions = 100
- PCB Mount Angle = Vertical
- Through Hole Contact Termination Type

[View all Features](#)

Documentation & Additional Information

Product Drawings:

- [RECEPTACLE ASSEMBLY, SHIELDED, VERTICAL, AMPLIMITE .0...](#) (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 0)
- [3D Model](#) (IGES, Version 0)
- [3D Model](#) (STEP, Version 0)

Additional Information:

- [Product Line Information](#)

Additional Product Images:

- [Product Photo](#)
- [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
- Connector Type = Receptacle
- [Number of Positions](#) = 100
- PCB Mount Angle = Vertical
- [PCB Mount Polarization](#) = Without
- [Shielded](#) = Yes
- [Shell Type](#) = Full Metal
- [Product Series](#) = Series III
- Shell Material = Steel
- Bracket Material = Zinc
- Comment = Female screwlocks must be used to mate with cable assemblies with male jackscrew hardware.

Mechanical Attachment:

- Mating Retention = With
- Mating Alignment = Without
- Mating Retention Type = Jackscrews
- Bracket Plating = Nickel over Copper

Termination Related Features:

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

Body Related Features:

- Centerline (mm [in]) = 1.27 [0.050]
- Post Plating = Tin
- Shell Plating = Tin over Copper

Contact Related Features:

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

Housing Related Features:

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

Configuration Related Features:

- PCB Mount Retention = With
- PCB Mount Retention Type = Mounting Holes

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

Conditions for Usage:

- Terminate To = Printed Circuit Board

Other:

- Brand = AMP