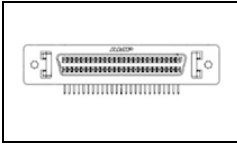


5787394-7 Product Details



5787394-7

TE Internal Number: 5787394-7

 [Active](#)

 [View 3D PDF](#)

.050 Series Board Mount Connectors

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

Product Highlights:

- Connector
- Connector Type = Receptacle
- Number of Positions = 68
- PCB Mount Angle = Right Angle
- Through Hole Contact Termination Type

[View all Features](#)

Documentation & Additional Information

Product Drawings:

- [RECEPTACLE ASSEMBLY, SHIELDED, TM RIGHT ANGLE, .050 ...](#) (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 C)
- [3D Model](#) (IGES, Version C)
- [3D Model](#) (STEP, Version C)

[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
- Connector Type = Receptacle
- [Number of Positions](#) = 68
- PCB Mount Angle = Right Angle
- [PCB Mount Polarization](#) = Without
- [Shielded](#) = Yes
- [Shell Type](#) = Full Metal
- [Product Series](#) = Series III
- Shell Material = Steel
- Bracket Material = Zinc
- PCB Thickness (mm [in]) = 1.57 [0.062]

Mechanical Attachment:

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

Termination Related Features:

- [Termination Post Length \(mm \[in\]\)](#) = 2.54 [0.100]
- Termination Method = Through Hole

Body Related Features:

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

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
- Housing Color = Black

Configuration Related Features:

- PCB Mount Retention = Without

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