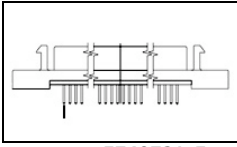


## 5749721-5 Product Details




**5749721-5**

TE Internal Number: 5749721-5

 [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 = 50
- 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 01)
- [3D Model](#) (IGES, Version 01)
- [3D Model](#) (STEP, Version 01)

##### 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](#) = 50
- PCB Mount Angle = Vertical
- [PCB Mount Polarization](#) = Without
- [Shielded](#) = Yes
- [Shell Type](#) = Full Metal
- [Product Series](#) = Series III
- Shell Material = Steel
- Bracket Material = Zinc

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

##### Body Related Features:

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