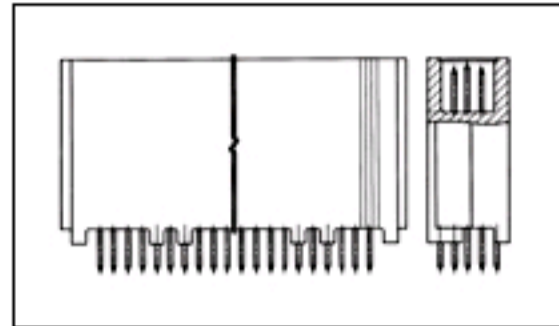


5149012-1 Product Details



5149012-1

TE Internal Number: 5149012-1

Active

[View 3D PDF](#)

.050 Centerline Micro-Strip Connectors

Always EU RoHS/ELV Compliant (Statement of Compliance)

Product Highlights:

- Connector
- Connector Style = Plug
- 40 Positions
- Vertical Mount Angle
- Termination Method to PC Board = Through Hole - Solder

[View all Features](#)

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Documentation & Additional Information

Product Drawings:

- [PLUG ASSEMBLY, 18.75\[.738\] STACK, 4.7\[.185\] TAIL, BO...](#) (PDF, English)

Catalog Pages/Data Sheets:

- None Available

Product Specifications:

- [Micro-Strip board to Board Connector](#) (PDF, English)

Application Specifications:

- [Micro-Strip Board-To-Board Plug and Receptacle Conne...](#) (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](#)

Related Products:

- [Tooling](#)

[List all Documents](#)

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

Product Type Features:

- [Product Type](#) = Connector
- [Mount Angle](#) = Vertical
- [Termination Method to PC Board](#) = Through Hole - Solder
- [PCB Mount Retention](#) = Without
- [Guides](#) = Without
- [Flame Retardant](#) = Yes

Termination Features:

- [Tail Length \(mm \[in\]\)](#) = 4.7 [0.185]

Body Features:

- [Bus Bar Material](#) = Phosphor Bronze
- [Bus Bar Mating Area Plating](#) = Gold (30)
- [Bus Bar Termination Area Plating](#) = Matte Tin with Nickel underplated

Contact Features:

- [Signal Contact Material](#) = Phosphor Bronze
- [Signal Contact Mating Area Plating](#) = Gold (30)
- [Signal Contact Termination Area Plating](#) = Matte Tin with Nickel underplated

Housing Features:

- [Connector Style](#) = Plug
- [Housing Material](#) = High Temperature Thermoplastic

Configuration Features:

- [Number of Positions](#) = 40
- [Stack Height \(mm \[in\]\)](#) = 18.75 [0.738]

Industry Standards:

- [RoHS/ELV Compliance](#) = RoHS compliant, ELV compliant
- [Lead Free Solder Processes](#) = Wave solder capable to 240°C, Wave solder capable to 260°C, Wave solder capable to 265°C
- [RoHS/ELV Compliance History](#) = Always was RoHS compliant

Other:

- [Brand](#) = AMP

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