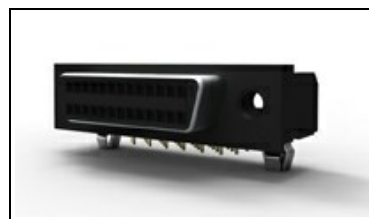




5750823-1 Product Details

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5750823-1

TE Internal Number: 5750823-1

Active

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.050 Series Board Mount Connectors

Always EU RoHS/ELV Compliant (Statement of Compliance)

Product Highlights:

- Connector
- Connector Style = Receptacle
- 26 Positions
- PCB Mounting Orientation = Right Angle
- Termination Method to PC Board = Through Hole - Solder

[View all Features](#)

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Documentation & Additional Information

Product Drawings:

- [RECEPTACLE ASSEMBLY, SHIELDED, 26 POSN, RIGHT ANGL...](#) (PDF, English)

Catalog Pages/Data Sheets:

- None Available

Product Specifications:

- None Available

Application Specifications:

- None Available

Instruction Sheets:

- [Manual Arbor Frame Assembly 58024-1](#) (PDF, English)
- [Manual Arbor Frame Assembly 91085-2](#) (PDF, English)
- [Repair Tool 58430-1 for AMPLIMITE .050 Series Connectors](#) (PDF, English)
- [Hand Crimping Tool Frame Assembly 543344-1 \(Used to ...\)](#) (PDF, English)
- [Installation and Use of Mass Termination Tooling](#) (PDF, English)
- [Tooling Kit](#) (PDF, English)
- [Die Holder Assemblies 58449-1, -2, and -3](#) (PDF, English)
- [AMPLIMITE .050 Series Crimper Assembly 856684-1](#) (PDF, English)
- [Die Assembly 90437-1](#) (PDF, English)

CAD Files: (CAD Format & Compression Information)

- [2D Drawing](#) (DXF, Version A)
- [3D Model](#) (IGES, Version A)
- [3D Model](#) (STEP, Version A)

[List all Documents](#)

Additional Information:

- [Product Line Information](#)

Related Products:

- [Tooling](#)

Feedback

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

Product Type Features:

- [Product Type](#) = Connector
- PCB Mounting Orientation = Right Angle
- PCB Mount Retention = With
- PCB Mount Retention Type = Boardlock(s)
- [PCB Mount Alignment](#) = Without
- [Shell Type](#) = Full Metal
- [Product Series](#) = Slimline

Mechanical Attachment:

- Mating Retention Type = Threaded Insert, 4-40 UNC
- Panel Attachment Style = Rear Mount
- Boardlock Material = Copper Alloy
- Boardlock Plating = Tin

Termination Features:

- Termination Method to PC Board = Through Hole - Solder
- [Termination Post Length](#) (mm [in]) = 2.54 [0.100]

Contact Features:

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

Housing Features:

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

Configuration Features:

- [Number of Positions](#) = 26
- [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

Dimensions:

- PCB Thickness, Recommended (mm [in]) = 1.57 [0.062]

Body Features:

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

- RoHS/ELV Compliance History = Always was RoHS compliant
- UL Flammability Rating = UL 94V-0

Other:

- Brand = AMP

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