

5749621-5 Product Details



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Active

.050 Series Cable Connectors (SCSI)



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

Product Highlights:

- Connector
- Plug
- Number of Positions = 50
- Wire/Cable Type = Round Jacketed Cable
- Wire Range = 0.05-0.09² [30-28] mm [AWG]

[View all Features](#) | [Find Similar Products](#)

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Documentation & Additional Information

Product Drawings:

- [KIT, PLUG ASSEMBLY, 1.27\[.050\] SERIES, AMPLIMITE](#) (PDF, English)

Catalog Pages/Data Sheets:

- None Available

Product Specifications:

- [Connector, AMPLIMITE, Shielded, .050 Series](#) (PDF, English)

Application Specifications:

- [AMPLIMITE .050 Series Insulation Displacement and Pr...](#) (PDF, English)

Instruction Sheets:

- [Manual Arbor Frame Assembly 58024-1](#) (PDF, English)
- [AMP* REPAIR TOOL 58430-1 FOR AMPLIMITE* .050-SERIES ...](#) (PDF, English)
- [AMPLIMITE .050 Series Connectors \(Round-to-Flat Cable\)](#) (PDF, English)
- [Installation and Use of Mass Termination Tooling](#) (PDF, English)
- [Cover Lacing Fixture 91293-1 for AMPLIMITE .050 Seri...](#) (PDF, English)
- [AMP* MANUAL MINIATURE APPLICATOR FRAME ASSEMBLY 91295-1](#) (PDF, English)
- [Cover Closing Kits and Staple Inserter Kit](#) (PDF, English)
- [Tooling Kit 768900-1](#) (PDF, English)

CAD Files: [\(CAD Format & Compression Information\)](#)

- [2D Drawing](#) (DXF, Version 01)

Additional Information:

- [Product Line Information](#)

Related Products:

- [Tooling](#)

- [3D Model](#) (IGES, Version O1)
- [3D Model](#) (STEP, Version O1)

[List all Documents](#)

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

Product Type Features:

- [Product Type](#) = Connector
- [Gender](#) = Plug
- Number of Positions = 50
- [Wire/Cable Type](#) = Round Jacketed Cable
- [Wire Insulation Diameter \(mm \[in\]\)](#) = 0.74 – 0.91 [0.029 – 0.036]
- [Mating Connector Lock](#) = Without
- [Shielded](#) = Yes
- [Detent](#) = Without
- [Rails](#) = Without
- [Termination Cover](#) = With
- [Product Series](#) = Series III
- Wire Termination Type = IDC
- Termination Cover Type = Standard
- Termination Cover Method = Unassembled
- Color = Black
- Plug Shell Material = Steel
- Comment = Plug connector requires backshell kit for complete assembly

Mechanical Attachment:

- [Panel Attachment](#) = Without

Termination Related Features:

- Solder Tail Contact Plating = Tin over Nickel

Body Related Features:

- Wire Range (mm [AWG]) = 0.05-0.092 [30-28]
- Plug Shell Plating = Tin-Nickel Alloy

Contact Related Features:

- Contact Material = Phosphor Bronze
- Contact Mating Area Plating = Gold (30), Gold Flash over Palladium Nickel

Housing Related Features:

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

Industry Standards:

- [RoHS/ELV Compliance](#) = RoHS compliant, ELV compliant
- [Lead Free Solder Processes](#) = Not relevant for lead free process
- RoHS/ELV Compliance History = Always was RoHS compliant

Conditions for Usage:

- Terminate To = Wire

Other:

- Brand = AMP