5749621-7 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 = 68
- Wire/Cable Type = Round Jacketed Cable
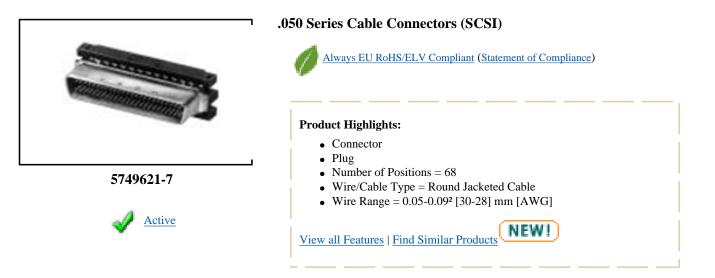- Wire Range = 0.05-0.09² [30-28] mm [AWG]

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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)

Additional Information:

- Product Line Information

Related Products:

- Tooling

CAD Files: (CAD Format & Compression Information)

- 2D Drawing (DXF, Version O1)

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

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

Product Type Features:
- [Product Type](#) = Connector
- [Gender](#) = Plug
- Number of Positions = 68
- [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