

5749699 -4 Product Details

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Active

.050 Series Cable Connectors (SCSI)

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

Product Highlights:

- ? Connector
- ? Receptacle
- ? Number of Positions = 40
- ? Wire/Cable Type = Round Jacketed Cable
- ? Wire Range = 0.05 - 0.09 ² [30-28] mm [AWG]

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Documentation & Additional Information

Product Drawings:

- ? [KIT_RECEPTACLE CABLE CONNECTOR ASSEMBLY_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 O)
- ? [3D Model](#) (IGES, Version O)
- ? [3D Model](#) (STEP, Version O)

[List all Documents](#)

Additional Information:

- ? [Product Line Information](#)

Related Products:

- ? [Tooling](#)

Product Features

(Please use the Product Drawing for all design activity)

Product Type Features:

- ? [Product Type](#) = Connector
- ? [Gender](#) = Receptacle
- ? Number of Positions = 40
- ? [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 = Receptacle 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 - 0.09 ² [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