

## 5749111-4 Product Details




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TE Internal Number: 5749111-4



### .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 = 0.05-0.09<sup>2</sup> [30-28] mm [AWG]

[View all Features](#)



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### Documentation & Additional Information

#### Product Drawings:

- [PLUG ASSEMBLY, AMPLIMITE .050 Series](#) (PDF, English)

#### Catalog Pages/Data Sheets:

- [AMPLIMITE Subminiature D Connectors - .050 Series Co...](#) (PDF, English)

#### 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 Ser...](#) (PDF, English)
- [Manual Miniature Applicator Frame Assembly 91295-1](#) (PDF, English)
- [Cover Closing Kits 543508-1 and 543526-1 and Staple ...](#) (PDF, English)
- [Tooling Kit 768900-1](#) (PDF, English)

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

- [2D Drawing](#) (DXF, Version 01)
- [3D Model](#) (IGES, Version 01)
- [3D Model](#) (STEP, Version 01)

#### Related Products:

- [Tooling](#)

[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 = Assembled
- 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]) = 0.05-0.09<sup>2</sup> [30-28]
- Plug Shell Plating = Tin-Nickel Alloy

#### Contact Related Features:

- Contact Base Material = Phosphor Bronze
- Contact Mating Area Plating Material = 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