

## 749111-8 Product Details

Share | Print | Email



749111-8

### .050 Series Cable Connectors (SCSI)

Not EU RoHS or ELV Compliant (Find RoHS Compliant Alternates)

#### Product Highlights:

- Connector
- Connector Style = Plug
- 100 Positions
- Wire/Cable Type = Round Jacketed Cable
- Applies To Cable

[View all Features](#)

#### Quick Links

- ▶ Pricing & Availability
- ▶ Search for Tooling
- ▶ Product Feature Selector
- ▶ Contact Us About This Product

TE Internal Number: 749111-8

Active

[View 3D PDF](#)

[Add to My Part List](#) | [Request Sample](#) | [Find Similar Products](#) | [Buy Product](#)

### Documentation & Additional Information

#### Product Drawings:

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

#### Catalog Pages/Data Sheets:

- None Available

#### Product Specifications:

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

#### Application Specifications:

- [AMPLIMITE .050 Series Cable End Insulation Displacem... \(PDF, English\)](#)

#### Instruction Sheets:

- [Manual Arbor Frame Assembly 58024-1 \(PDF, English\)](#)
- [Repair Tool 58430-1 for AMPLIMITE .050 Series Connectors \(PDF, English\)](#)
- [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... \(PDF, English\)](#)
- [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 \(DXF, Version T\)](#)
- [3D Model \(IGES, Version T\)](#)
- [3D Model \(STEP, Version T\)](#)

#### Related Products:

- [Tooling](#)

[List all Documents](#)

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

#### Product Type Features:

- Product Type = Connector
- Wire/Cable Type = Round Jacketed Cable
- Wire Insulation Diameter (mm [in]) = 0.74 - 0.91 [0.029 - 0.036]
- Mating Connector Lock = Without
- Detent = Without
- Rails = Without
- Termination Cover = With
- Product Series = Series III
- Termination Method to Wire/Cable = Insulation Displacement Crimp (IDC)
- Termination Cover Type = Standard
- Termination Cover Method = Assembled
- Color = Black

#### Mechanical Attachment:

- Panel Mount Retention = Without

#### Electrical Characteristics:

- Shielded = Yes

#### Termination Features:

- Solder Tail Contact Plating = Tin-Lead over Nickel

#### Body Features:

- Wire Range (mm [AWG]) = 0.05-0.09<sup>2</sup> [30-28]
- Plug Shell Material = Steel
- Plug Shell Plating = Tin-Nickel Alloy

#### Contact Features:

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

#### Housing Features:

- Connector Style = Plug
- Housing Material = Thermoplastic - GF
- UL Flammability Rating = UL 94V-0

#### Configuration Features:

- Number of Positions = 100

#### Industry Standards:

- RoHS/ELV Compliance = Not ELV/RoHS compliant
- Lead Free Solder Processes = Not relevant for lead free process

#### Conditions for Usage:

- Applies To = Cable

#### Other:

- Brand = AMP
- Comment = Plug connector requires backshell kit for complete assembly

### Corporate Information

- [About TE](#)
- [Investors](#)
- [News Room](#)
- [Supplier Portal](#)
- [Careers](#)
- [Terms & Conditions](#)
- [Privacy Policy](#)

### Quick Links

- [Distributor Inventory](#)
- [Product Cross Reference](#)
- [Documents & Drawings](#)
- [Product Compliance Support Center](#)
- [Site Map](#)

### Customer Support

- [Email or Chat With Us](#)
- [Find a Phone Number](#)
- [Knowledge Base](#)
- [Manage Your Account](#)

### Keep Me Informed

Receive TE News, Events & Technology Updates

Enter your email address

