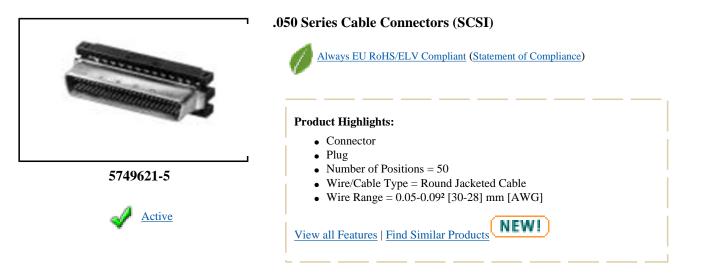
5749621-5 Product Details



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:

<u>AMPLIMITE .050 Series Insulation Displacement and Pr...</u> (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)

• <u>2D Drawing</u> (DXF, Version O1)

Additional Information:

Product Line Information

Related Products:

• <u>Tooling</u>

- <u>3D Model</u> (IGES, Version O1)
- <u>3D Model</u> (STEP, Version O1)

List all Documents

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

Product Type Features:

- <u>Product Type</u> = Connector
- <u>Gender</u> = Plug
- Number of Positions = 50
- <u>Wire/Cable Type</u> = Round Jacketed Cable
- <u>Wire Insulation Diameter (mm [in])</u> = 0.74 0.91 [0.029 0.036]
- <u>Mating Connector Lock</u> = Without
- <u>Shielded</u> = Yes
- <u>Detent</u> = Without
- <u>Rails</u> = Without
- Termination Cover = With
- <u>Product Series</u> = 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:

• <u>Panel Attachment</u> = 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:

- <u>RoHS/ELV Compliance</u> = 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