5749699-7 Product Details

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TE Internal Number: 5749699-7

✔ Active

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.050 Series Cable Connectors (SCSI)

🌱 Always EU RoHS/ELV Compliant (Statement of Compliance)

Product Highlights:
- Connector
- Receptacle
- Number of Positions = 68
- Wire/Cable Type = Round Jacketed Cable
- Wire Range = 0.05-0.09² [30-28] mm [AWG]

View all Features

Documentation & Additional Information

Product Drawings:
- KIT, RECEPTACLE CABLE CONNECTOR ASSEMBLY, AMPLIMITE ... (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 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 O)
- 3D Model (IGES, Version O)
- 3D Model (STEP, Version O)

List all Documents

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 = 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 = 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]) = 0.05-0.09² [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