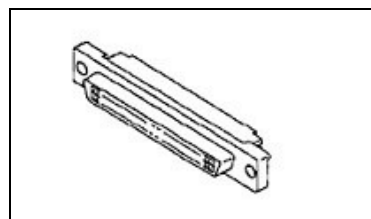




5-749877-9 Product Details



5-749877-9

TE Internal Number: 5-749877-9

Active

[View 3D PDF](#)

.050 Series Cable Connectors (SCSI)

Always EU RoHS/ELV Compliant (Statement of Compliance)

Product Highlights:

- Connector
- Connector Style = Receptacle
- 100 Positions
- Wire/Cable Type = Ribbon Cable, Round Jacketed Cable
- Applies To Cable

[View all Features](#)

Quick Links

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Documentation & Additional Information

Product Drawings:

- [RECEPTACLE CABLE ASSEMBLY, FLAT TOP, PANEL MOUNT, AM...](#) (PDF, English)

Catalog Pages/Data Sheets:

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

Product Specifications:

- None Available

Application Specifications:

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

Instruction Sheets:

- None Available

CAD Files: (CAD Format & Compression Information)

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

[List all Documents](#)

Additional Product Images:

- [Panel Cutout](#)

Related Products:

- [Tooling](#)
- [Mating Products \(4\)](#)
- [Hardware \(1\)](#)

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

Product Type Features:

- [Product Type](#) = Connector
- [Wire/Cable Type](#) = Ribbon Cable, 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 Cover Type](#) = Standard
- [Termination Cover Method](#) = Assembled
- [Color](#) = Black
- [Thread Size](#) = 4-40

Mechanical Attachment:

- [Panel Mount Retention](#) = With

Termination Features:

- [Termination Method to Wire/Cable](#) = Insulation Displacement Crimp (IDC)

Body Features:

- [Ribbon Cable Centerline Spacing \(mm \[in\]\)](#) = 1.27 [0.050]
- [Wire Range \(mm \[AWG\]\)](#) = 0.05-0.09² [30-28]
- [Shell Material](#) = Steel
- [Shell Plating](#) = Tin over Copper
- [Bracket Material](#) = Zinc
- [Bracket Plating](#) = Nickel over Copper

Contact Features:

- [Contact Base Material](#) = Phosphor Bronze
- [Contact Plating, Mating Area, Material](#) = Gold (30)
- [Solder Tail Contact Plating](#) = Tin over Nickel

Housing Features:

- [Connector Style](#) = Receptacle
- [Housing Material](#) = Thermoplastic - GF

Configuration Features:

- [Number of Positions](#) = 100
- [Shielded](#) = No

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
- [UL Flammability Rating](#) = UL 94V-0

Conditions for Usage:

- [Applies To](#) = Cable

Other:

- [Brand](#) = AMP

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