

## 5390377-7 Product Details

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5390377-7

TE Internal Number: 5390377-7

Active

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### .050 Series Cable Connectors (SC8I)

Always EU RoHS/ELV Compliant (Statement of Compliance)

#### Product Highlights:

- Connector
- Connector Style = Plug
- 68 Positions
- Wire/Cable Type = Ribbon Cable
- Applies To Cable

[View all Features](#)

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### Documentation & Additional Information

#### Product Drawings:

- [PLUG ASSEMBLY, UNSHIELDED, 0.64\(.025\) CENTERLINE, AM...](#) (PDF, English)

#### Catalog Pages/Data Sheets:

- None Available

#### 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)
- [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 0)
- [3D Model](#) (IGES, Version 0)
- [3D Model](#) (STEP, Version 0)

[List all Documents](#)

#### Related Products:

- [Tooling](#)

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

#### Product Type Features:

- [Product Type](#) = Connector
- [Wire/Cable Type](#) = Ribbon Cable
- [Mating Connector Lock](#) = Without
- [Detent](#) = Without
- [Rails](#) = Without
- [Termination Cover](#) = With
- [Product Series](#) = Series III
- Termination Method to Wire/Cable = IDC
- Color = Black
- Shell Material = Zinc Die Cast
- Bracket Material = Zinc

#### Mechanical Attachment:

- [Panel Attachment](#) = Without
- Bracket Plating = Nickel

#### Electrical Characteristics:

- [Shielded](#) = No

#### Termination Related Features:

- Solder Tail Contact Plating = Tin over Nickel

#### Body Related Features:

- Number of Positions = 68
- Ribbon Cable Centerline Spacing (mm [in]) = 0.64 [0.025]
- Wire Range (mm [AWG]) = 0.03² [32], 0.05² [30]
- Shell Plating = Nickel

#### Contact Related Features:

- Contact Base Material = Phosphor Bronze
- Contact Plating, Mating Area, Material = Gold (30)

#### Housing Related Features:

- Connector Style = Plug
- Housing Material = Polyester GF
- UL 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:

- Applies To = Cable

#### Packaging Related Features:

- Packaging Method = Tray

#### Other:

- Brand = AMP



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