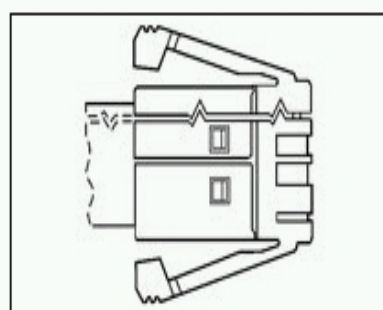


## 5-1761184-1 Product Details

Have a Question?

Chat with a Product Information Specialist



5-1761184-1

### SDL (Shielded Data Link)

[Always EU RoHS/ELV Compliant \(Statement of Compliance\)](#)

#### Product Highlights:

- Connector
- Cable Type = Flat
- Plug
- Product Series = 50 Series
- Receptacle Configuration = Standard

[View all Features](#)

TE Internal Number: 5-1761184-1

Active

[View 3D PDF](#)

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#### Quick Links

- ▶ [Check Pricing & Availability](#)
- ▶ [Search for Tooling](#)
- ▶ [Product Feature Selector](#)
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### Documentation & Additional Information

#### Product Drawings:

- [PLUG ASSY, FLAT CABLE, 50 SERIES, SDL \(PDF, English\)](#)

#### Catalog Pages/Data Sheets:

- None Available

#### Product Specifications:

- [Connector, SDL \(PDF, English\)](#)
- [Connector, SDL \(PDF, Japanese\)](#)

#### Application Specifications:

- [36-Series and 50-Series Flat-Cable SDL Plug Connectors \(PDF, English\)](#)

#### Instruction Sheets:

- [SDL Plugs and Receptacles \(PDF, English\)](#)
- [Crimping Die Assemblies 58261-1, 58261-2, 58261-3, a... \(PDF, English\)](#)

#### CAD Files: ([CAD Format & Compression Information](#))

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

#### Additional Information:

- [Product Line Information](#)

#### Related Products:

- [Tooling](#)

[List all Documents](#)

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

#### Product Type Features:

- [Product Type](#) = Connector
- [Cable Type](#) = Flat
- [Gender](#) = Plug
- [Product Series](#) = 50 Series
- [Receptacle Configuration](#) = Standard
- [Wire Size \(mm<sup>2</sup> \[AWG\]\)](#) = 0.2<sup>2</sup> [24]
- [Number of Conductors](#) = 4
- [PCB Mount Retention](#) = Without
- Shield Material = Brass
- Comment = Prefix no. designates key configuration. Suffix no. is a code for the number of conductors. Prefix & suffix nos. of plug assemblies must match those of the intended mating receptacle. Keys are molded in as an integral part of the plug & receptacle.

#### Mechanical Attachment:

- [Keying](#) = E

#### Body Related Features:

- Shield Plating = Tin over Nickel
- Conductor Insulation Diameter (mm [in]) = 1.27 [0.050]

#### Contact Related Features:

- Contact Base Material = Copper Alloy
- Contact Plating, Mating Area, Material = Gold (50)

#### Housing Related Features:

- [Housing Material](#) = Polycarbonate GF
- Housing Color = Smoke Gray

#### 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

#### Other:

- Brand = AMP

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