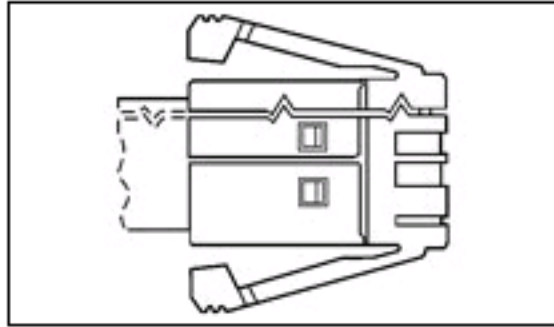


## 5-1761184-1 Product Details

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5-1761184-1

TE Internal Number: 5-1761184-1

Active

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### 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](#)

#### Quick Links

- ▶ [Pricing & Availability](#)
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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:

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

#### 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]
- PCB Mount Retention = Without
- Shield Material = Brass

#### Dimensions:

- Conductor Insulation Diameter (mm [in]) = 1.27 [0.050]

#### Body Features:

- Shield Plating = Tin over Nickel

#### Contact Features:

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

#### Housing Features:

- Housing Material = Polycarbonate GF
- Housing Color = Smoke Gray

#### Configuration Features:

- Number of Conductors = 4

#### 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

#### Identification Marking:

- Keying = E

#### Other:

- Brand = AMP
- 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.

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