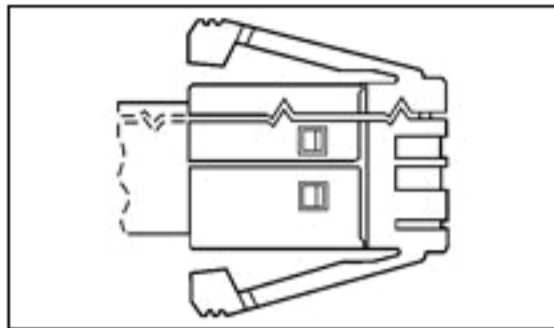


3-520423-1 Product Details

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3-520423-1

SDL (Shielded Data Link)

Not EU RoHS or ELV Compliant

Product Highlights:

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

[View all Features](#)

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TE Internal Number: 3-520423-1

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Documentation & Additional Information

Product Drawings:

- None Available

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:

- None Available

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 \(mm² \[AWG\]\)](#) = 0.12-0.15² [26], 0.2² [24]
- [PCB Mount Retention](#) = Without
- [Shield Material](#) = Copper Alloy

Dimensions:

- [Conductor Insulation Diameter \(mm \[in\]\)](#) = 1.14 - 1.27 [0.045 - 0.050]

Body Features:

- [Shield Plating](#) = Bright Tin-Lead

Contact Features:

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

Housing Features:

- [Housing Material](#) = Polycarbonate GF
- [Housing Color](#) = Smoke Gray
- [UL Flammability Rating](#) = UL 94V-2

Configuration Features:

- [Number of Conductors](#) = 4

Industry Standards:

- [RoHS/ELV Compliance](#) = Not ELV/RoHS compliant
- [Lead Free Solder Processes](#) = Not relevant for lead free process
- [Agency/Standard](#) = CSA, UL

Identification Marking:

- [Keying](#) = C

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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