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Have a Question? Chat with a Product Information Specialist

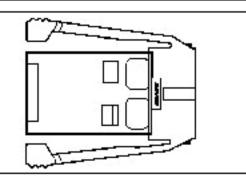What can we help you find?

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1-520424-3 Product Details

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1-520424-3

TE Internal Number: 1-520424-3

✔ Active

View 3D PDF

SDL (Shielded Data Link)

🍃 Always EU RoHS/ELV Compliant (Statement of Compliance)

Product Highlights:
- Connector
- Cable Type = Round
- Plug
- Product Series = 50 Series
- Receptacle Configuration = Standard

View all Features

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Documentation & Additional Information

Product Drawings:
- PLUG SUB-ASSY, ROUND 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 Round-Cable SDL Plug Connectors (PDF, English)

Instruction Sheets:
- SDL Plugs and Receptacles (PDF, English)
- Crimping Die Assemblies 58195-1, 58195-2, 58195-3, a... (PDF, English)

CAD Files: (CAD Format & Compression Information)
- 2D Drawing (DXF, Version AE)
- 3D Model (IGES, Version AE)
- 3D Model (STEP, Version AE)

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 = Round
- 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 = Steel

Dimensions:
- Conductor Insulation Diameter (mm [in]) = 1.14 – 1.27 [0.045 – 0.050]

Body Features:
- Shield Plating = Bright Tin

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 = 8

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
- Agency/Standard = CSA, UL

Identification Marking:
- Keying = A

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.; Plug assemblies for round cable need a top shield, bottom shield, boot, and ferrule.