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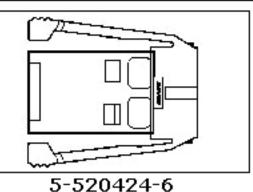
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# 5-520424-6 Product Details



SDL (Shielded Data Link)

Always EU RoHS/ELV Compliant (Statement of Compliance)

#### Product Highlights:

- Connector
- Cable Type = Round
- Pluq
- Product Series = 50 Series
- Receptacle Configuration = Standard

View all Features

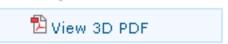
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- Pricing & Availability
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- Product Feature Selector Contact Us About This Product

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TE Internal Number: 5-520424-6 🥒 Active











#### 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



### 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 -

## **Body Features:**

Shield Plating = Bright Tin

## Contact Features:

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

### **Housing Features:**

List all Documents

- Housing Material = Polycarbonate GF
- Housing Color = Smoke Gray
- UL Flammability Rating = UL 94V-2

### Configuration Features:

Number of Conductors = 16

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

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