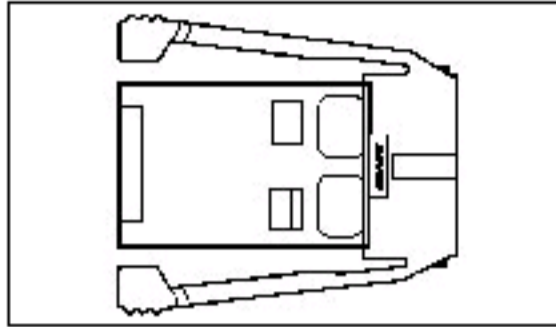


## 1-520532-6 Product Details

[Share](#) | [Print](#) | [Email](#)


1-520532-6

TE Internal Number: 1-520532-6  
✔ 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 = 36 Series
- Receptacle Configuration = Standard

[View all Features](#)

#### Quick Links

- ▶ [Pricing & Availability](#)
- ▶ [Search for Tooling](#)
- ▶ [Product Feature Selector](#)
- ▶ [Contact Us About This Product](#)

[Add to My Part List](#) | 
 [Request Sample](#) | 
 [Find Similar Products](#) | 
 [Buy Product](#)

### Documentation & Additional Information

#### Product Drawings:

- [PLUG SUB-ASSY, ROUND CABLE, 36 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 \(DXF, Version Y1\)](#)
- [3D Model \(IGES, Version Y1\)](#)
- [3D Model \(STEP, Version Y1\)](#)

[List all Documents](#)

#### 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** = 36 Series
- **Receptacle Configuration** = Standard
- **Wire Size (mm<sup>2</sup> [AWG])** = 0.08-0.09<sup>2</sup> [28], 0.12-0.15<sup>2</sup> [26]
- **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** = 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** = 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.

#### Corporate Information

- [About TE](#)
- [Investors](#)
- [News Room](#)
- [Supplier Portal](#)
- [Careers](#)
- [Terms & Conditions](#)
- [Privacy Policy](#)

#### Quick Links

- [Distributor Inventory](#)
- [Product Cross Reference](#)
- [Documents & Drawings](#)
- [Product Compliance Support Center](#)
- [Site Map](#)

#### Customer Support

- [Email or Chat With Us](#)
- [Find a Phone Number](#)
- [Knowledge Base](#)
- [Manage Your Account](#)

#### Keep Me Informed

