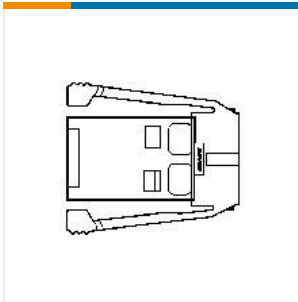




SDL CONNECTORS



Active

PRODUCT DRAWING
English

3D PDF

TE CONNECTIVITY (TE)

4 SDL RND PLUG ASSY 50 SERIES

AMPLIMITE | [Shielded Data Link](#)

1-520424-1

TE Internal Number: 1-520424-1

Always EU RoHS/ELV Compliant

Connector Style **Plug**

Number of Conductors **4**

Cable Type **Round**

Wire Size (mm²) **.12 - .15, .2, .205**

Wire Size (AWG) **24**

Product Drawings

[PLUG SUB-ASSY, ROUND CABLE, 50 SERIES, SDL](#)

PDF
English

CAD Files

[Customer View Model](#)

2D_DXF.ZIP
English

[Customer View Model](#)

3D_IGS.ZIP
English

[Customer View Model](#)

3D_STP.ZIP
English

[3D PDF](#)

PDF
English

Product Specifications

Product Specification

[SDL Systemj Connector](#)

PDF
English

Application Specification

[36-Series And 50-Series Round-Cable SDL Plug Connectors](#)

PDF
English

Qualification Test Report

[Connector Sdl System](#)

PDF
Japanese

[Connector Sdl System](#)

PDF
English

[Connector Sdl System](#)

TIF
English

Instruction Sheets

Instruction Sheet (U.S.)

[SDL Plugs And Receptacles](#)

PDF
English

Crimping Die Assemblies 58195-1, 58195-2, 58195-3, And 58195-6

PDF
English

Crimping Die Assemblies 58195-1, 58195-2, 58195-3, And 58195-6

TIF
English

Please review product documents or [contact us](#) for the latest agency approval information. Please Note: Use the Product Drawing for all design activity.

| | | |
|------------------------|---|--|
| Product Type Features | Connector Style | Plug |
| | Cable Type | Round |
| | Product Type | Connector |
| | Receptacle Configuration | Standard |
| Configuration Features | Number of Conductors | 4 |
| | Keying | A |
| Body Features | Shield Material | Carbon Steel |
| | Shield Plating Material | Tin |
| | Shield Plating Finish | Bright |
| Contact Features | Contact Mating Area Plating Thickness (µin) | 50 |
| | Contact Base Material | Copper Alloy |
| | Contact Mating Area Plating Material | Gold |
| Mechanical Attachment | PCB Mount Retention | Without |
| Housing Features | Housing Color | Smoke Gray |
| | Housing Material | Polycarbonate GF |
| Dimensions | Wire Size (mm ²) | .12 – .15, .2, .205 |
| | Wire Size (AWG) | 24 |
| | Conductor Insulation Diameter (in) | .045 – .05, 1.14 – 1.27 |
| Industry Standards | UL Flammability Rating | UL 94V-2 |
| | Agency/Standard | CSA, UL |
| Other | Comment | Plug assemblies for round cable need a top shield, bottom shield, boot, and ferrule., |

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.

Product Compliance

[Statement of Compliance](#)

PDF

[VIEW ALL PRODUCT COMPLIANCE](#)