

3-520424-3 ✓ ACTIVE

**AMPLIMITE**

TE Internal #: 3-520424-3

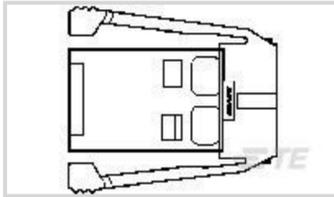
8 Position, SDL Plug, Cable-to-Board, 24 AWG / 26 AWG, .12 – .15 mm<sup>2</sup> / .205 mm<sup>2</sup> Wire, Round Jacketed Cable, 1.27 mm [.05 in]

Centerline, Wire & Cable

[View on TE.com >](#)



Connectors > Audio & Video Connectors > SDL Connectors



Connector & Housing Type: **Plug**

Compatible With Wire & Cable Type: **Round Jacketed Cable**

Wire Size: **24 AWG, 26 AWG**

Connector System: **Cable-to-Board**

**Features**

**Product Type Features**

Receptacle Configuration	Standard
Connector & Housing Type	Plug
Connector System	Cable-to-Board
Connector & Contact Terminates To	Wire & Cable

**Configuration Features**

Compatible With Wire & Cable Type	Round Jacketed Cable
Number of Positions	8

**Body Features**

Shield Plating Material	Tin
Shield Plating Finish	Bright
Shield Material	Carbon Steel

**Contact Features**

Contact Mating Area Plating Material	Gold (Au)
Contact Base Material	Copper Alloy
Contact Mating Area Plating Material Thickness	1.27 μm[50 μin]
Contact Current Rating (Max)	1.5 A

**Mechanical Attachment**

Polarization Code	C
PCB Mount Retention	Without



Connector Mounting Type	Cable Mount (Free-Hanging)
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### Housing Features

Housing Material	Polycarbonate GF
Housing Color	Smoke Gray
Centerline (Pitch)	1.27 mm [.05 in]

### Dimensions

	.045 – .05 in [1.14 – 1.27 in]
Wire Size	24 AWG, 26 AWG

### Usage Conditions

Operating Temperature Range	-20 – 80 °C [-4 – 176 °F]
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### Operation/Application

Circuit Application	Signal
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### Industry Standards

Compatible With Agency/Standards Products	CSA, UL
UL Flammability Rating	UL 94V-2

## Product Compliance

[For compliance documentation, visit the product page on TE.com>](#)

EU RoHS Directive 2011/65/EU	Compliant
EU ELV Directive 2000/53/EC	Compliant
China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2025 (250) Candidate List Declared Against: JUNE 2025 (250) Does not contain REACH SVHC
Halogen Content	Not Low Halogen - contains Br or Cl > 900 ppm.
Solder Process Capability	Not applicable for solder process capability

#### Product Compliance Disclaimer

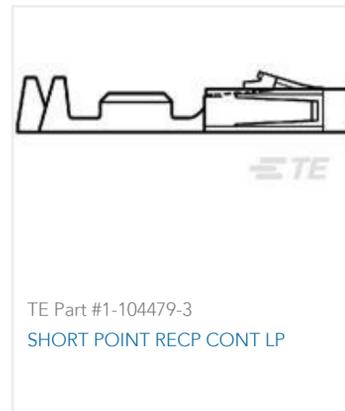
This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight in homogenous materials for lead, hexavalent chromium, mercury, PBB, PBDE, DBP, BBP, DEHP, DIBP, and 0.01% for cadmium, or qualify for an exemption to these limits as defined in the Annexes of Directive 2011/65/EU (RoHS2). Finished electrical and electronic equipment products will be CE marked as required by Directive 2011/65/EU. Components may not be CE marked. Additionally, the part

numbers that TE has identified as EU ELV compliant have a maximum concentration of 0.1% by weight in homogenous materials for lead, hexavalent chromium, and mercury, and 0.01% for cadmium, or qualify for an exemption to these limits as defined in the Annexes of Directive 2000/53/EC (ELV). Regarding the REACH Regulation, the information TE provides on SVHC in articles for this part number is based on the latest European Chemicals Agency (ECHA) 'Guidance on requirements for substances in articles' posted at this URL: <https://echa.europa.eu/guidance-documents/guidance-on-reach>

## Compatible Parts



## Customers Also Bought



## Documents

### Product Drawings



## 8 SDL RND PLUG ASSY 50 SERIES

English

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### CAD Files

#### 3D PDF

3D

#### Customer View Model

[ENG\\_CVM\\_CVM\\_3-520424-3\\_AH.2d\\_dxf.zip](#)

English

#### Customer View Model

[ENG\\_CVM\\_CVM\\_3-520424-3\\_AH.3d\\_igs.zip](#)

English

#### Customer View Model

[ENG\\_CVM\\_CVM\\_3-520424-3\\_AH.3d\\_stp.zip](#)

English

By downloading the CAD file I accept and agree to the [Terms and Conditions](#) of use.

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### Product Specifications

#### Application Specification

English

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### Instruction Sheets

#### Instruction Sheet (U.S.)

English

#### Instruction Sheet (U.S.)

English

#### Crimping Die Assemblies 58195-1, 58195-2, 58195-3, and 58195-6

English

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### Agency Approvals

#### UL Report

English