



Connectors > Audio & Video Connectors > Shielded Data Link > SDL Connectors



Connector & Housing Type: **Plug**

Number of Conductors: **8**

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

Wire Size: **.12 – .15 mm², .205 mm²**

Features

Product Type Features

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

Configuration Features

Keying	E
Number of Conductors	8
Compatible With Wire & Cable Type	Round Jacketed Cable

Number of Positions8

Body Features

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



Contact Features

Contact Mating Area Plating Material	Gold
Contact Mating Area Plating Thickness	50 µin
Contact Base Material	Copper Alloy
Contact Current Rating (Max)	1.5 A

Mechanical Attachment

PCB Mount Retention	Without
Connector Mounting Type	Cable Mount (Free-Hanging)

Housing Features

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

Dimensions

	.045 – .05 in[1.14 – 1.27 in]
Wire Size	.12 – .15 mm², .205 mm²

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

Agency/Standard	CSA, UL
UL Flammability Rating	UL 94V-2

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.
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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: JAN 2021 (211) Candidate List Declared Against: JAN 2021 (211) 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



TE Part # 520437-1
8 SDL FERRULE,BULK PKG



TE Part # 520465-1
8 SDL RND SHIELD,BTTM,BULK PKG



TE Part # 520853-1
8 SDL RND PLUG BOOT,BULK PKG



TE Part # 1857989-1
Z-PACK/A F-HDR.110P EON

Customers Also Bought



TE Part #T4113502041-000
M12 Field Installable Unshielded



TE Part #177908-1
STD Temp Power Double Lock Cap



TE Part #177915-1
Power Double Lock Receptacle



TE Part #177917-1
Power Double Lock Tab

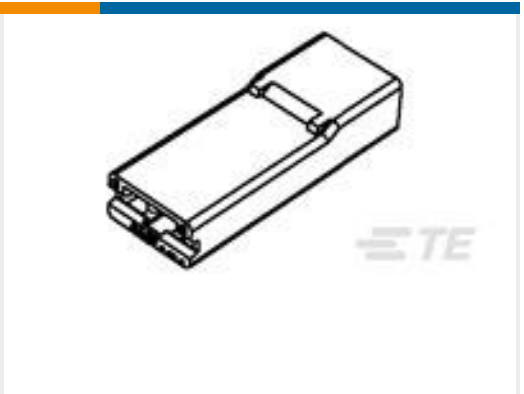




TE Part #1-440054-1
AMP HPI 2.0MM HEADERS



TE Part #1-745498-5
IDC D-Sub: Plug Assembly, Wire to Wire, Signal, 2.77 mm



TE Part #1-735075-0
250 FASTON INS POST,REC.,1 POS



TE Part #1-179608-6
CT DBL ROW HOLDER,MT,16P,NA



TE Part #130126
PG RING

Documents

Product Drawings

8 SDL RND PLUG ASSY 50 SERIES

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_5-520424-3_AH.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_5-520424-3_AH.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_5-520424-3_AH.3d_stp.zip

English

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

Product Specifications

Application Specification

English

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