



SL-156

TE Internal #: 1-647401-2

12 Position, Receptacle, Housing, Crimp, Wire-to-Board, UL 94V-0, 3.96 mm [.156 in] Centerline, 1 Row, 250 VAC, Wire & Cable, Power & Signal, SL-156

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Connectors > Rectangular Connectors > Standard Rectangular Connectors > Receptacle Housing: Wire-to-Board, with Mating Alignment, SL156



Connector Product Type: **Housing**

Connector & Housing Type: **Receptacle**

Mating Retention Type: **Locking Ramp**

Connector System: **Wire-to-Board**

Contact Retention Within Housing: **Without**

[All Receptacle Housing: Wire-to-Board, with Mating Alignment, SL156 \(107\)](#)

Features

Product Type Features

Connector Product Type	Housing
Connector & Housing Type	Receptacle
Connector System	Wire-to-Board
Sealable	No
Connector & Contact Terminates To	Wire & Cable

Configuration Features

Number of Positions	12
Number of Rows	1

Electrical Characteristics

Operating Voltage	250 VAC
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Body Features

Primary Product Color	Natural
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Contact Features

Contact Retention Within Housing	Without
Contact Type	Socket
Contact Current Rating (Max)	6.5 A

Termination Features

Termination Method to Wire & Cable	Crimp
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Mechanical Attachment

Strain Relief	Without
Panel Mount Feature	Without
Mating Retention Type	Locking Ramp
Mating Retention	With
Connector Mounting Type	Cable Mount (Free-Hanging)

Housing Features

Housing Entry Configuration	Left End Open
Centerline (Pitch)	3.96 mm[.156 in]
Housing Material	Nylon GF

Dimensions

	1.906 in
Connector Height	6.35 mm
Wire Size	.0509 – .823 mm²

Usage Conditions

Operating Temperature Range	-55 – 105 °C[-67 – 221 °F]
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Operation/Application

Circuit Application	Power & Signal
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Industry Standards

Compatible With Agency/Standards Products	CSA, UL
UL Flammability Rating	UL 94V-0

Packaging Features

Packaging Quantity	1
Packaging Method	Package

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	Low Halogen - Br, Cl, F < 900 ppm per homogenous material. Also BFR/CFR/PVC Free
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 # 1-644751-2
12P MTA156 HDR ASSY R/A

TE Part # 1-640643-2
12P MTA156 COVER F/T

TE Part # 1-644753-2
12P MTA156 HDR ASSY RN STR F/L

TE Part # 4-641208-2
12P MTA156 HDR ASSY FL ST LF

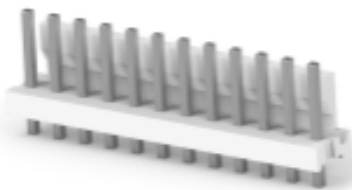
TE Part # 4-641120-2
12P MTA156 HDR ASSY FL/ST LF

TE Part # 4-644766-2
12P MTA156 HDR ASSY STR SQ LF

TE Part # 1-640384-2
12P MTA156 HDR ASSY STR RND SN

TE Part # 1-640445-2
12P MTA156 HDR ASSY FL/STR SN

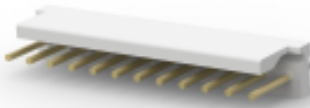




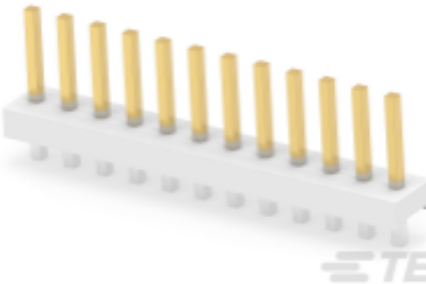
TE Part # 1-641119-2
12P MTA156 HDR ASSY FL/ST 15AU



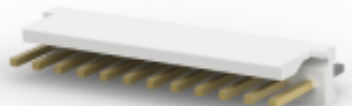
TE Part # 1-640383-2
12P MTA156 HDR ASSY STR SQ SN



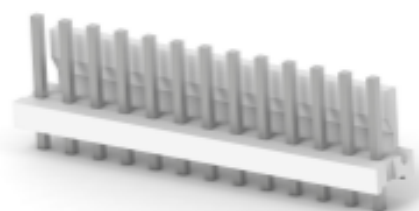
TE Part # 4-641209-2
12P MTA156 HDR ASSY FL ST LF



TE Part # 4-641202-2
12P MTA156 HDR ASSY PL 30AU LF



TE Part # 4-644759-2
12P MTA156 HDR ASSY STR LF



TE Part # 1-641119-2
12P MTA156 HDR ASSY FL/ST LF



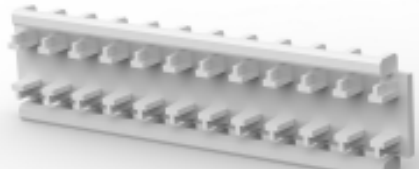
TE Part # CAT-103156-WBHSM
Receptacle Housing: Wire-to-Board,
with Mating Alignment, SL156



TE Part # 1-640389-2
12P MTA156 HDR ASSY SQ R/A F/L



TE Part # 1-640385-2
12P MTA156 HDR ASSY SQ R/A



TE Part # 1-643071-2
12P MTA156 FD-THRU COVER



TE Part # 641876-3
12P MTA156 HDR ASSY FL STR SN



TE Part # 4-644615-2
12P MTA156 POL HDR ASSY LF

Also in the Series | SL-156



Connector Contacts(23)



Connector Hardware(4)



Power Contacts(13)



Rectangular Connector Housings(150)



Rectangular Power Connectors(147)



Standard Rectangular Connectors(150)



Wire-to-Board Connector Assemblies
& Housings(146)

Customers Also Bought



TE Part #292207-8
MINI CT SGL DIP V 8P NAT



TE Part #350537-3
UMNL SOK 20-14 .0125 PTPPHBZ



TE Part #2-644486-3
03P MTA100 SHRDED HDR ASSY SN



TE Part #647662-1
EP CONN CONT LUBRICANT SPCL



TE Part #3-770476-1
SL156 RECPT, SNNI/PHBZ



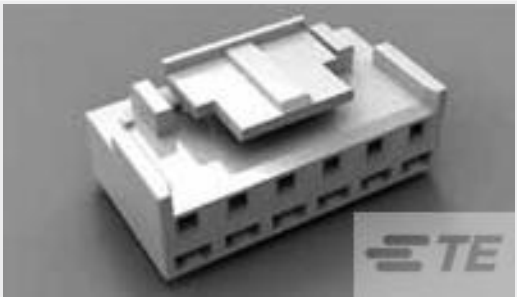
TE Part #794537-1
09P UMNL PLUG HSG 150C BLK



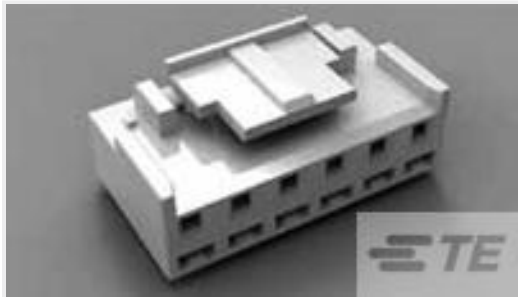
TE Part #794538-1
09P UMNL CAP HSG 150C BLK



TE Part #794745-1
15P UMNL CAP HSG BLACK



TE Part #1-1123722-3
3.96 EP PLUG HSG 3P(NATURAL)



TE Part #1-1123722-5
3.96 EP PLUG HSG 5P(NATURAL)

Documents

Product Drawings

12P SL156 HSG W/RAMP,LRG OPEN

English

CAD Files

Customer View Model

ENG_CVM_CVM_1-647401-2_C.2d_dxf.zip

English

3D PDF

3D

Customer View Model

ENG_CVM_CVM_1-647401-2_C.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_1-647401-2_C.3d_stp.zip

English

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Product Specifications



Application Specification

English

Agency Approvals

UL Report

English