



SL-156

TE Internal #: 640250-9

Housing, Receptacle, Wire-to-Board, 9 Position, 3.96 mm [.156 in]

Centerline, Crimp, 1 Row, Natural, Wire & Cable, Power & Signal, SL-156

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Connectors > PCB Connectors > Wire-to-Board Connectors > Wire-to-Board Connector Assemblies & Housings > Receptacle Housing: Wire-to-Board, with Mating Alignment, SL156



Connector Product Type: **Housing**

Connector & Housing Type: **Receptacle**

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

Number of Positions: **9**

Centerline (Pitch): **3.96 mm [.156 in]**

[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	9
Number of Rows	1

Electrical Characteristics

Operating Voltage	250 VAC
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Body Features

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Primary Product Color	Natural
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Contact Features

Contact Layout	Inline
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
PCB Mount Alignment	Without
PCB Mount Retention	Without
Mating Retention	With
Connector Mounting Type	Cable Mount (Free-Hanging)

Housing Features

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

Dimensions

Connector Height	6.35 mm
	1.09 in
Wire Size	30 – 18 AWG

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 Method	Package
Packaging Quantity	1

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 2024 (241) Candidate List Declared Against: JUNE 2024 (241) Does not contain REACH SVHC
Halogen Content	Low Halogen - Br, Cl, F, I < 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

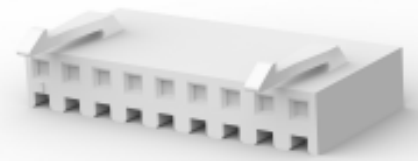
TE Part # 3-641121-9
09P MTA156 HDR ASSY FL/RA LF

TE Part # 641119-9
09P MTA156 HDR ASSY FL/ST 15AU

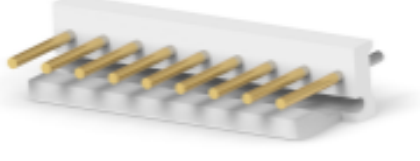
TE Part # 640388-9
09P MTA156 HDR ASSY RN STR F/L

TE Part # 643071-9
09P MTA156 FD-THRU COVER

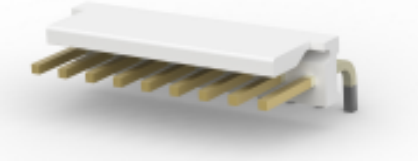




TE Part # 770894-9
09P SL156 HSG W/THRU BD LATCH



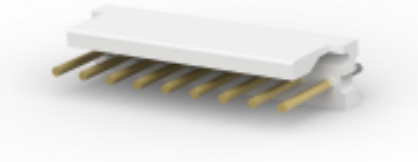
TE Part # 3-641209-9
09P MTA156 HDR ASSY FL ST LF



TE Part # 3-641210-9
09P MTA156 HDR FLRA FB 30AU LF



TE Part # 644752-9
09P MTA156 HDR ASSY SQ STR F/L



TE Part # 3-641120-9
09P MTA156 HDR ASSY FL/ST LF



TE Part # 3-644759-9
09P MTA156 HDR ASSY STR LF



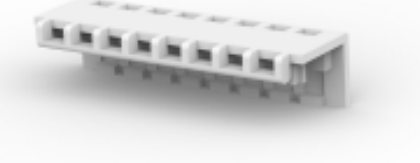
TE Part # 640389-9
09P MTA156 HDR ASSY SQ R/A F/L



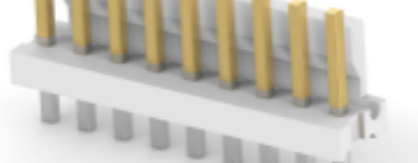
TE Part # 641936-1
09P MTA156 HDR SQ STR SN SPCL



TE Part # 641936-6
09P MTA156 HDR ASSY F/L W/O#8



TE Part # 643067-9
09P MTA156 MOLDED COVER



TE Part # 3-644766-9
09P MTA156 HDR ASSY STR SQ LF



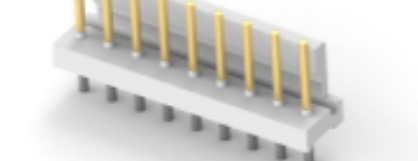
TE Part # 3-644768-9
09P MTA156 HDR ASSY F/L SQ LF



TE Part # 3-641202-9
09P MTA156 HDR ASSY PL 30AU LF



TE Part # 3-641119-9
09P MTA156 HDR ASSY FL/ST LF



TE Part # 3-644760-9
09P MTA156 HDR ASSY FL ST LF

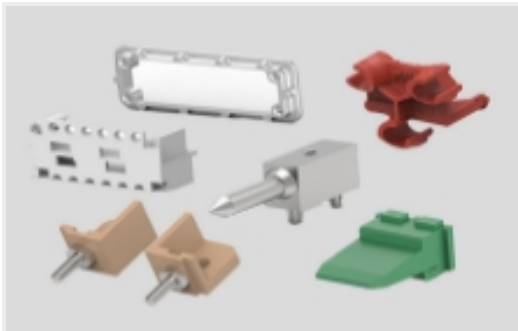


TE Part # 644751-9
09P MTA156 HDR ASSY R/A

Also in the Series | SL-156



Connector Contacts(23)



Connector Hardware(4)



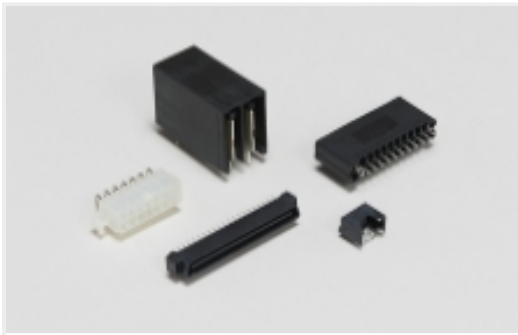
Power Contacts(13)



Rectangular Connector Housings(10)



Rectangular Power Connectors(10)



Standard Rectangular Connectors(10)



Wire-to-Board Connector Assemblies & Housings(140)

Customers Also Bought



TE Part #34319
SPLICE,SOLIS PARA 6



TE Part #6609018-5
6EBF1=F7627 S0



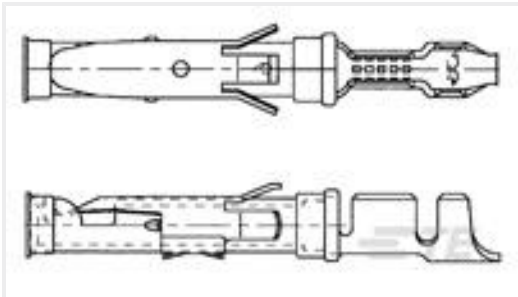
TE Part #2-1393115-7
KUL-11A15S-24=KU



TE Part #41729
250 FASTON REC 18-16 AWG TPBR



TE Part #1625966-3
HSA10 10K 5%



TE Part #163084-1
RECEPTACLE



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



TE Part #6609054-5
6EHQ1=F7675 S0



TE Part #3-1393118-8
KUP-14D55-24=KU

Documents

Product Drawings

09P SL156 HSG W/LCK RAMP NATL

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_640250-9_AR_c-640250-9-ar.2d_dxf.zip



English

Customer View Model

[ENG_CVM_CVM_640250-9_AR_c-640250-9-ar.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_640250-9_AR_c-640250-9-ar.3d_stp.zip](#)

English

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Product Specifications

[Application Specification](#)

English

Agency Approvals

[UL Report](#)

English