



SL-156

TE Internal #: 647401-8
Housing, Receptacle, Wire-to-Board, 8 Position, 3.96 mm [.156 in]
Centerline, Crimp, 1 Row, Natural, Mating Retention, Wire & Cable,
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: **8**
Centerline (Pitch): **3.96 mm [.156 in]**

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

Features

Dimensions

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

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	8
Number of Rows	1



Housing Features

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

Termination Features

Termination Method to Wire & Cable	Crimp
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Body Features

Primary Product Color	Natural
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Mechanical Attachment

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

Contact Features

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

Operation/Application

Circuit Application	Power & Signal
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Usage Conditions

Operating Temperature Range	-55 – 105 °C[-67 – 221 °F]
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Other

EU RoHS Compliance	Compliant
EU ELV Compliance	Compliant

Electrical Characteristics

Operating Voltage	250 VAC
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Industry Standards

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Compatible With Agency/Standards Products	UL, CSA
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

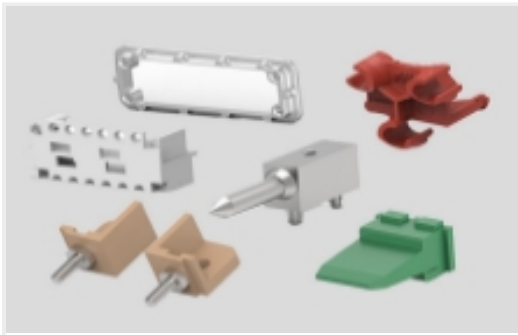


 TE Part # 643067-8 08P MTA156 MOLDED COVER	 TE Part # 3-641208-8 08P MTA156 HDR ASSY FL ST LF	 TE Part # 3-641210-8 08P MTA156 HDR FLRA FB 30AU LF	 TE Part # 640389-8 08P MTA156 HDR ASSY SQ R/A F/L
 TE Part # 640383-8 08P MTA156 HDR ASSY STR SQ SN	 TE Part # 3-641209-8 08P MTA156 HDR ASSY FL ST LF	 TE Part # 644752-8 08P MTA156 HDR ASSY SQ STR F/L	 TE Part # 640388-8 08P MTA156 HDR ASSY RN STR F/L
 TE Part # 3-640445-8 08P MTA156 HDR ASSY FL/STR SN	 TE Part # 641922-3 08P MTA156 HDR ASSY STR W/O#2	 TE Part # 640445-8 08P MTA156 HDR ASSY FL/STR SN	 TE Part # 640551-8 08P MTA156 COVER
 TE Part # 3-641119-8 08P MTA156 HDR ASSY FL/ST LF	 TE Part # 640385-8 08P MTA156 HDR ASSY SQ R/A	 TE Part # 643071-8 08P MTA156 FD-THRU COVER	 TE Part # 644753-8 08P MTA156 HDR ASSY RN STR F/L
 TE Part # 770894-8 08P SL156 HSG W/THRU BD LATCH	 TE Part # 640643-8 08P MTA156 COVER F/T	 TE Part # 3-644615-8 08P MTA156 POL HDR ASSY LF	 TE Part # 3-644617-8 08P MTA156 HDR ASY PO RA FB LF

Also in the Series | [SL-156](#)



Connector Contacts(23)



Connector Hardware(4)



Insertion & Extraction Tools(1)



Rectangular Connector Housings(10)



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

Customers Also Bought



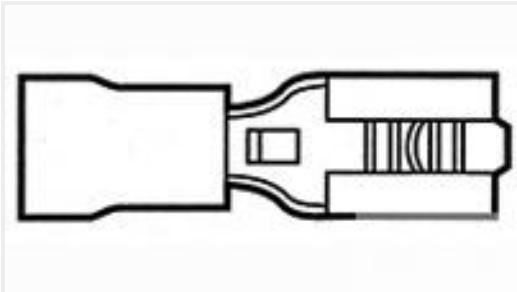
TE Part #5227222-3
VERT JK W/MTG PINS, BNC PCB



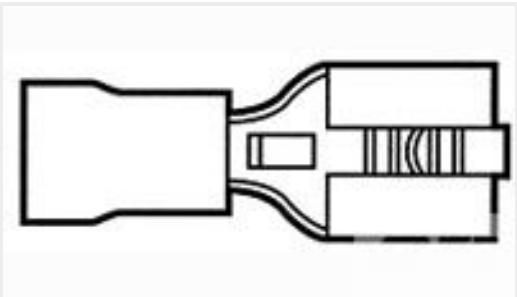
TE Part #1-1609112-2
15CE1=F8272



TE Part #1734037-7
Champ 050 series, 68pos, Au over PdNi



TE Part #5-160483-1
187 PIDG FASTON REC



TE Part #5-160583-2
250 PIDG FASTON REC



TE Part #HPP805A031
HM1500LF HUMIDITY MODULE



TE Part #5095894001
MT5000-1/8-6-SP



TE Part #1-1747981-5
Std HDMI, RA, SMT, Panel grd, Flange



TE Part #6339488-1
VERTICAL BATTERY CONNECTOR ASSY

Documents



Product Drawings

08P SL156 HSG W/RAMP,LRG OPEN

English

CAD Files

Customer View Model

ENG_CVM_CVM_647401-8_C.2d_dxf.zip

English

3D PDF

3D

Customer View Model

ENG_CVM_CVM_647401-8_C.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_647401-8_C.3d_stp.zip

English

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Product Specifications

Application Specification

English

Agency Approvals

UL Report

English