



SL-156

TE Internal #: 647401-8

Housing, Receptacle, Crimp, Wire-to-Board, UL 94V-0, 8 Position, 3.96 mm [.156 in] Centerline, SL-156, Rectangular Wire & Cable Connectors & Housings

[View on TE.com >](#)

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: **With**

Mating Retention Type: **Locking Ramp**

Termination Method to Wire & Cable: **Crimp**

[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	8
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 Type	Socket
Contact Retention Within Housing	Without
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	With
Mating Retention Type	Locking Ramp
Connector Mounting Type	Cable Mount (Free-Hanging)

Housing Features

Housing Material	Nylon GF
Centerline (Pitch)	3.96 mm[.156 in]

Dimensions

Connector Height	6.35 mm
	1.282 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: JAN 2025 (247) Candidate List Declared Against: JAN 2025 (247) 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 # 641922-6
08P MTA156 HDR ASSY W/0#4,6

TE Part # 3-644768-8
08P MTA156 HDR ASSY F/L SQ LF

TE Part # 3-644766-8
08P MTA156 HDR ASSY STR SQ 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 # 3-641202-8
08P MTA156 HDR ASSY PL 30AU LF

TE Part # 3-644760-8
08P MTA156 HDR ASSY FL ST LF



TE Part # 3-641121-8
08P MTA156 HDR ASSY FL/RA LF



TE Part # 3-644615-8
08P MTA156 POL HDR ASSY LF



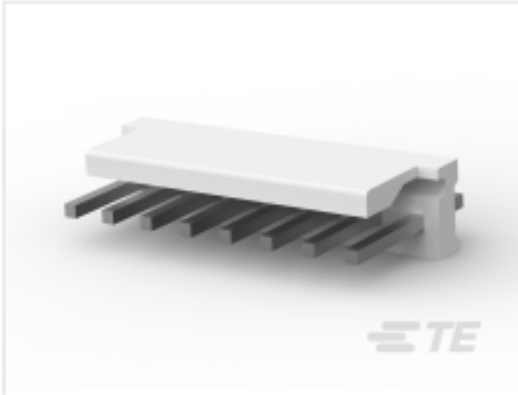
TE Part # 770894-8
08P SL156 HSG W/THRU BD LATCH



TE Part # 3-641119-8
08P MTA156 HDR ASSY FL/ST LF



TE Part # 3-644617-8
08P MTA156 HDR ASY PO RA FB LF



TE Part # 640445-8
08P MTA156 HDR ASSY FL/STR SN



TE Part # 640643-8
08P MTA156 COVER F/T



TE Part # 644751-8
08P MTA156 HDR ASSY R/A



TE Part # 644753-8
08P MTA156 HDR ASSY RN STR F/L



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 # 641922-2
08P MTA156 HDR ASSY STR W/O#3

Also in the Series | **SL-156**



Connector Contacts(23)



Connector Hardware(4)



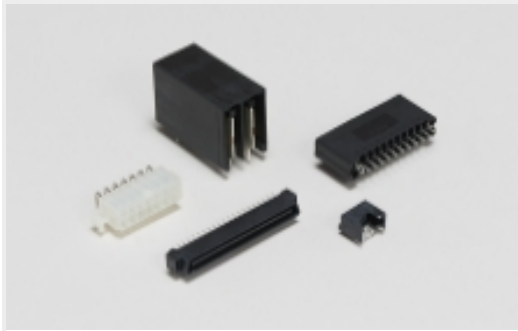
Power Contacts(13)



Rectangular Connector Housings(144)



Rectangular Power Connectors(144)

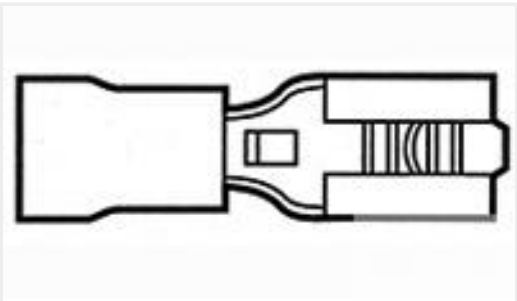


Standard Rectangular Connectors(144)

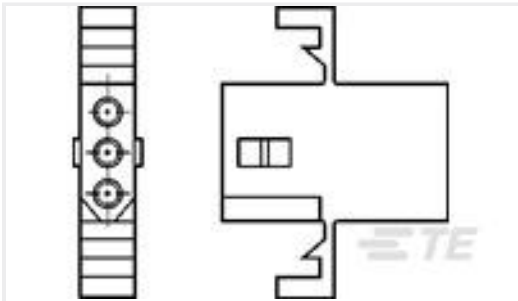


Wire-to-Board Connector Assemblies & Housings(6)

Customers Also Bought



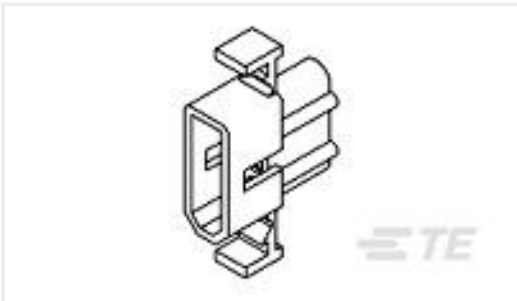
TE Part #5-160483-1
187 PIDG FASTON REC



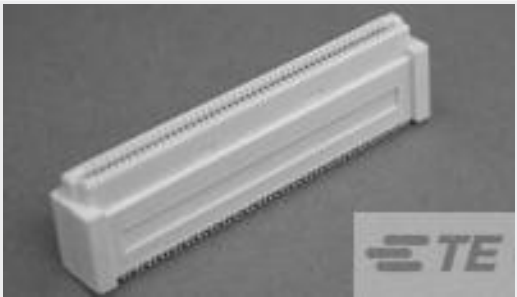
TE Part #770335-1
04P .062 COMM P&S RECPT



TE Part #5-1879352-4
RR02 5% 51R AMMO



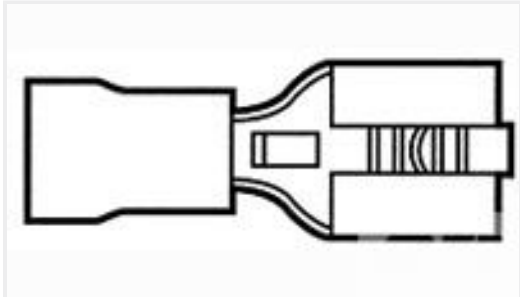
TE Part #770334-1
04P .062 COMM P&S PLUG



TE Part #5-5179010-2
0.8FH,R13H.5,060,08/Sn,TU



TE Part #4-794618-2
12P MICRO MNL ASSY R/A HDR LF



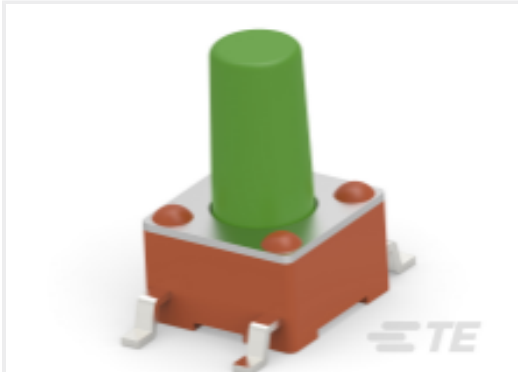
TE Part #5-160583-2
250 PIDG FASTON REC



TE Part #647401-2
02P SL156 HSG W/RAMP,LRG OPEN



TE Part #440360-2
.8MM FAX MODEM SOCKET 124P,
7.95H



TE Part #2-1977223-4
FSM8JSMASTR=6MM TACT SWITCH,
SMT 160gf,

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