



SL-156

TE Internal #: 647402-8

Housing, Receptacle, Wire-to-Board, 8 Position, .156 in [3.96 mm]

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

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 |
|-------------------|---------|

Body Features

|  |  |
|--|--|
|  |  |
|--|--|



|                       |         |
|-----------------------|---------|
| Primary Product Color | Natural |
|-----------------------|---------|

Contact Features

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

Termination Features

|                                    |       |
|------------------------------------|-------|
| Termination Method to Wire & Cable | Crimp |
|------------------------------------|-------|

Mechanical Attachment

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

Housing Features

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

Dimensions

|                  |                  |
|------------------|------------------|
|                  | 1.126 in         |
| Connector Height | 6.35 mm          |
| Wire Size        | .0509 – .823 mm² |

Usage Conditions

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

Operation/Application

|                     |                |
|---------------------|----------------|
| Circuit Application | Power & Signal |
|---------------------|----------------|

Industry Standards

|                        |          |
|------------------------|----------|
| Agency/Standard        | CSA, UL  |
| UL Flammability Rating | UL 94V-0 |

Packaging Features



|                    |         |
|--------------------|---------|
| Packaging Quantity | 1       |
| Packaging Method   | Package |

Other

|                                 |                                                                                         |
|---------------------------------|-----------------------------------------------------------------------------------------|
| Discrete Wire Connector Comment | Unit Accepts 1.14[.045] Square or Round Post, Accepts Keying Plug 640254-1 and 640255-1 |
|---------------------------------|-----------------------------------------------------------------------------------------|

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 2023 (235)<br>Candidate List Declared Against: JUNE 2023 (235)<br>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





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

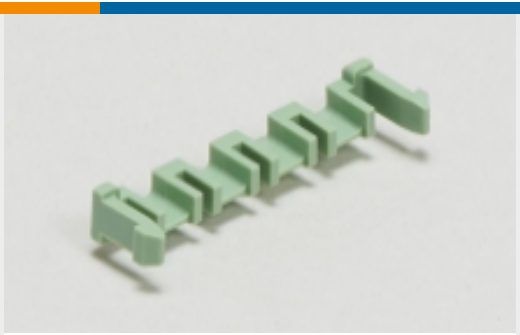
Also in the Series | [SL-156](#)



Insertion & Extraction Tools(1)



PCB Connector Keying(2)



PCB Latches, Locks & Retainers(1)



Rectangular Connector Housings(11)



Rectangular Connector Keying Plugs(1)



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



Wire-to-Board Connector Contacts(23)

Customers Also Bought



TE Part #1-640250-2  
Receptacle Housing: Wire-to-Board, with Mating Alignment, SL156



TE Part #66506-8  
PIN CONTACT, 20 DF



TE Part #926302-1  
10& UNIV.M-N-L.PLUG



TE Part #42563-8  
250 FASTON FLAG REC 12-10 AWG TPBZ



TE Part #52043-1  
TERMINAL R PG 4 1/4



TE Part #2-320571-2  
PIDG R 22-16 COMM 22-18MIL 1/4



TE Part #1-1437558-3  
MTA106EPC=(MSTA) SW TOG P/C TE

Documents

Product Drawings

08P SL156 HSG W/RMP&TABS,OVSZ

English

CAD Files

Customer View Model

ENG\_CVM\_CVM\_647402-8\_C.2d\_dxf.zip

English

3D PDF





3D

Customer View Model

[ENG\\_CVM\\_CVM\\_647402-8\\_C.3d\\_igs.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_647402-8\\_C.3d\\_stp.zip](#)

English

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Product Specifications

[Application Specification](#)

English

Product Environmental Compliance

[TE Material Declaration](#)

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Agency Approvals

[UL Report](#)

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