



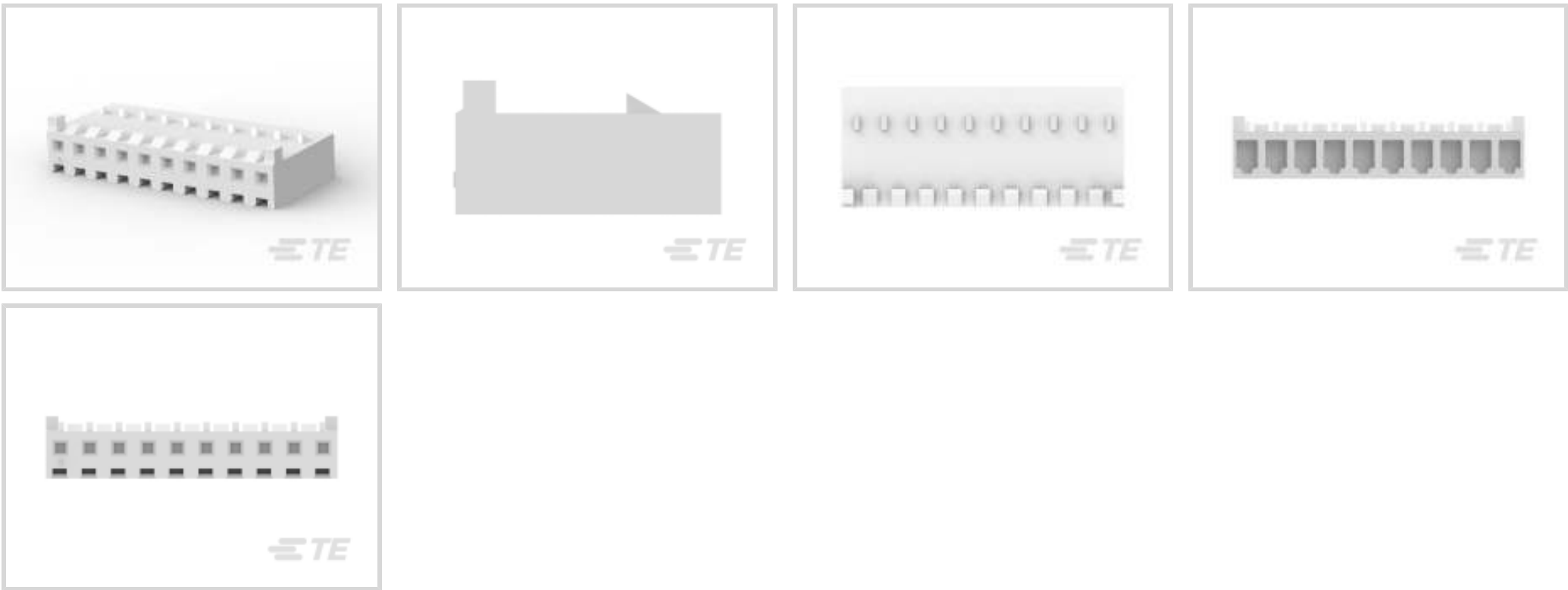
SL-156

TE Internal #: 1-2132189-0

Housing, Receptacle, Wire-to-Board, 10 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: **10**

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 | 10 |
| 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 Base Material            | Phosphor Bronze |
| 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 Material   | Nylon - GF       |
| Centerline (Pitch) | 3.96 mm[.156 in] |

Dimensions

|                  |                           |
|------------------|---------------------------|
| Connector Length | 39.57 mm[1.558 in]        |
| Wire Size        | .205 – .8 mm <sup>2</sup> |

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 | 500 |
| Packaging Method   | Bag |

Other

|                                 |                                                                                        |
|---------------------------------|----------------------------------------------------------------------------------------|
| Discrete Wire Connector Comment | Unit Accepts 1.14[.045] Square or Round Post, Accepts Keying Plug 640254-1and 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: JAN 2023 (233)<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



|                                                                                                                                                                                         |                                                                                                                                                     |                                                                                                                                                      |                                                                                                                                                      |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------|
|  <p>TE Part # CAT-103156-WBHSM<br/>Receptacle Housing: Wire-to-Board, with Mating Alignment, SL156</p> |  <p>TE Part # 1-640384-0<br/>10P MTA156 HDR ASSY STR RND SN</p>   |  <p>TE Part # 1-640387-0<br/>10P MTA156 HDR ASSY SQ R/A</p>       |  <p>TE Part # 1-640389-0<br/>10P MTA156 HDR ASSY SQ R/A F/L</p>   |
|  <p>TE Part # 1-640385-0<br/>10P MTA156 HDR ASSY SQ R/A</p>                                           |  <p>TE Part # 1-640388-0<br/>10P MTA156 HDR ASSY RN STR F/L</p>  |  <p>TE Part # 4-641208-0<br/>10P MTA156 HDR ASSY FL ST LF</p>    |  <p>TE Part # 1-640383-0<br/>10P MTA156 HDR ASSY STR SQ SN</p>   |
|  <p>TE Part # 4-644759-0<br/>10P MTA156 HDR ASSY STR LF</p>                                          |  <p>TE Part # 1-644752-0<br/>10P MTA156 HDR ASSY SQ STR F/L</p> |  <p>TE Part # 1-640445-0<br/>10P MTA156 HDR ASSY FL/STR SN</p>  |  <p>TE Part # 640254-1<br/>KEYING PLUG .045 SQ PST CONN</p>     |
|  <p>TE Part # 4-644615-0<br/>10P MTA156 POL LOCK ASSY LF</p>                                         |  <p>TE Part # 1-643071-0<br/>10P MTA156 FD-THRU COVER</p>       |  <p>TE Part # 1-644753-0<br/>10P MTA156 HDR ASSY RN STR F/L</p> |  <p>TE Part # 4-641119-0<br/>10P MTA156 HDR ASSY FL/ST LF</p>   |
|  <p>TE Part # 1-640551-0<br/>10P MTA156 COVER</p>                                                    |  <p>TE Part # 4-641210-0<br/>10P MTA156 HDR FLRA FB 30AU LF</p> |  <p>TE Part # 1-643067-0<br/>10P MTA156 MOLDED COVER</p>        |  <p>TE Part # 3-647123-0<br/>10P MTA156 SHRD HDR ASSY SQ SN</p> |

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 #1-178288-8  
DYNAMIC 3100 REC HSG 10P



TE Part #1-770849-1  
11P SL156 HSG W/LCK RMP & TABS



TE Part #1-640388-0  
10P MTA156 HDR ASSY RN STR F/L



TE Part #1-640388-1  
11P MTA156 HDR ASSY RN STR F/L



TE Part #8-2176412-7  
5W XSM M/OX 5% 20K



TE Part #2323803-1  
SSR-ACC-TH-001 = Thermal pad 1 phase



TE Part #5-1393304-5  
V23134M0000M000



TE Part #3-1423712-5  
W28-X1095-5=CKTBKR,THERM,ROCK, QC.250,FUS



TE Part #3-1423712-2  
W28-X1094-10=CKTBKR,THERM, ROCK,QC.250,FU

Documents



Product Drawings

10P SL156 HSG W/LCK RMP, TABS & RTNR

English

CAD Files

3D PDF

3D

Customer View Model

ENG\_CVM\_CVM\_1-2132189-0\_C\_c-1-2132189-0-c.2d\_dxf.zip

English

Customer View Model

ENG\_CVM\_CVM\_1-2132189-0\_C\_c-1-2132189-0-c.3d\_igs.zip

English

Customer View Model

ENG\_CVM\_CVM\_1-2132189-0\_C\_c-1-2132189-0-c.3d\_stp.zip

English

By downloading the CAD file I accept and agree to the [Terms and Conditions](#) of use.

Datasheets & Catalog Pages

7-1773461-7\_SL-156\_CONNECTOR\_TPA\_DEVICE

English

Product Specifications

Application Specification

English

Instruction Sheets

Instruction Sheet (U.S.)

English

Agency Approvals

UL Report

English