



SL-156

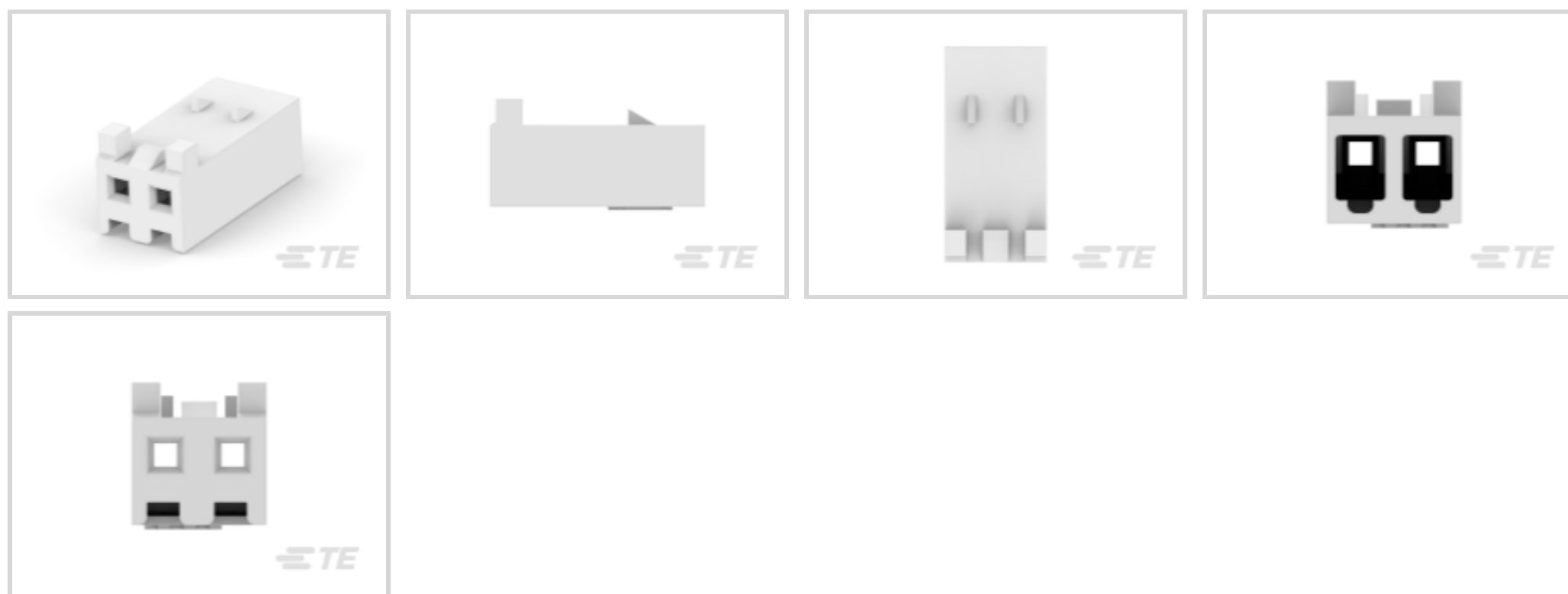
TE Internal #: 2132189-2

Housing, Receptacle, Wire-to-Board, 2 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 >

3.96mm Wire-to-board housing: receptacle, with mating alignment, SL 156



Connector Product Type: **Housing**

Connector & Housing Type: **Receptacle**

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

Number of Positions: **2**

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

[All 3.96mm Wire-to-board housing: receptacle, with mating alignment, SL 156 \(124\)](#)

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 | 2 |
| Number of Rows | 1 |

Electrical Characteristics

| | |
|-------------------|---------|
| Operating Voltage | 250 VAC |
|-------------------|---------|

Contact Features

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



| | |
|----------------------------------|-----------------|
| Contact Layout | Inline |
| Contact Retention Within Housing | Without |
| 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] |
| Housing Color | Natural |

Dimensions

| | |
|------------------|---------------------------|
| Connector Length | 7.8 mm [.308 in] |
| Wire Size | .205 – .8 mm ² |

Usage Conditions

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

Operation/Application

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

Industry Standards

| | |
|------------------------|-----------|
| CSA Rating | Certified |
| UL Flammability Rating | UL 94V-0 |
| UL File Number | E28476 |
| UL Rating | Listed |
| Agency/Standard | CSA, UL |



CSA File Number LR 7189

Packaging Features

Packaging Quantity 500

Packaging Method Bag

Other

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 2022 (224)
 Candidate List Declared Against: JAN 2022 (223)
 SVHC > Threshold:
 Not Yet Reviewed

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 # CAT-103156-WBHSM
3.96mm Wire-to-board housing: receptacle, with mating alignment, SL 156



TE Part # 640384-2
02P MTA156 HDR ASSY STR RND SN



TE Part # 640643-2
02P MTA156 COVER F/T



TE Part # 3-641208-2
02P MTA156 HDR ASSY FL ST LF



TE Part # 3-641436-2
02P MTA156 CON ASSY LF



TE Part # 643067-2
02P MTA156 MOLDED COVER



TE Part # 640551-2
02P MTA156 COVER



TE Part # 640389-2
02P MTA156 HDR ASSY SQ R/A F/L



TE Part # 3-641120-2
02P MTA156 HDR ASSY FL/ST LF



TE Part # 3-641119-2
02P MTA156 HDR ASSY FL/ST LF



TE Part # 644753-2
02P MTA156 HDR ASSY RN STR F/L



TE Part # 3-641437-2
02P MTA156 PSTD CONN ASSY RED



TE Part # 640388-2
02P MTA156 HDR ASSY RN STR F/L



TE Part # 640385-2
02P MTA156 HDR ASSY SQ R/A



TE Part # 640445-2
02P MTA156 HDR ASSY FL/STR SN



TE Part # 3-641210-2
02P MTA156 HDR FLRA FB 30AU LF



TE Part # 640387-2
02P MTA156 HDR ASSY SQ R/A



TE Part # 640254-1
KEYING PLUG .045 SQ PST CONN



TE Part # 640383-2
02P MTA156 HDR ASSY STR SQ SN



TE Part # 3-644615-2
02P MTA156 POL HDR ASSY LF

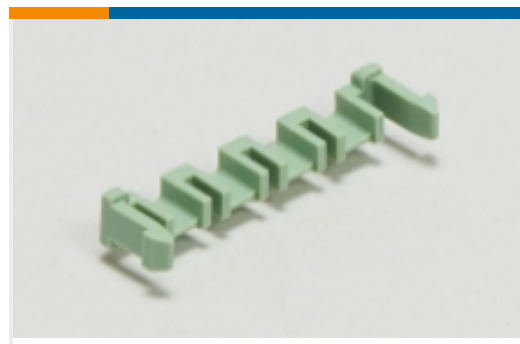
Also in the Series | **SL-156**



Insertion & Extraction Tools(1)



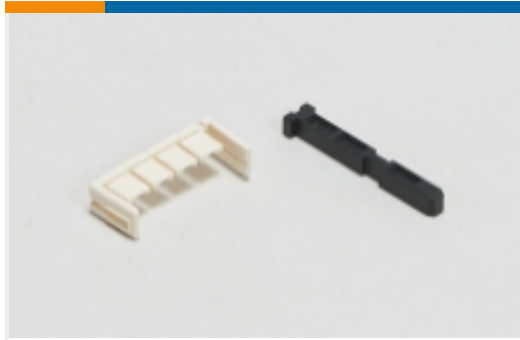
PCB Connector Keying(2)



PCB Latches, Locks & Retainers(1)



Rectangular Connector Housings(12)



Rectangular Connector Keying Plugs(1)



Wire-to-Board Connector Assemblies & Housings(158)



Wire-to-Board Connector Contacts(24)

Customers Also Bought



TE Part #3-647485-1
SL156 HOODED CONT,LID, LP LF



TE Part #4-1622820-7
3520 470K 5%



TE Part #8-1676481-5
CPF 0603 27K 0.1% 25PPM 1K RL



TE Part #9-2176091-6
RP 2A 0.25W 590R 0.1% 25PPM 1K RL



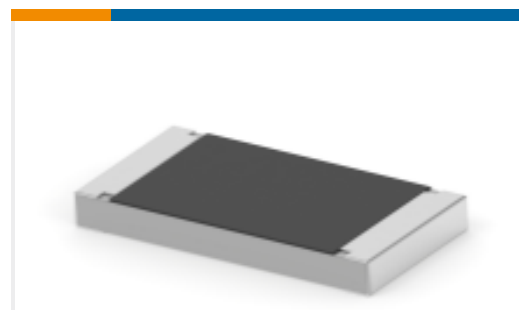
TE Part #1676385-3
RN 0805 5K11 0.1% 10PPM 5KRL



TE Part #3-2176349-7
CRGCQ 2512 10K 1%



TE Part #3-2176349-0
CRGCQ 2512 2K7 1%



TE Part #2176350-3
CRGCQ 2512 2R2 5%



TE Part #2176381-9
RQ 0805 15K 0.1% 10PPM 5K RL

Documents



Product Drawings

[2P SL156 HSG W/LCK RMP, TABS, rtnr](#)

English

CAD Files

[3D PDF](#)

3D

Customer View Model

[ENG_CVM_CVM_2132189-2_C_c-2132189-2-c.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_2132189-2_C_c-2132189-2-c.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_2132189-2_C_c-2132189-2-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

[Product Specification](#)

English

Instruction Sheets

[Instruction Sheet \(U.S.\)](#)

English

Agency Approvals

[Agency Approval Document](#)

English
