# 2-640251-0 ✔ ACTIVE

SL-156

TE Internal #: 2-640251-0

Housing, Receptacle, Wire-to-Board, 20 Position, 3.96 mm [.156 in] Centerline, Crimp, 1 Row, Natural, Wire & Cable, Power & Signal, SL-156

View on TE.com >

Connectors > PCB Connectors > Wire-to-Board Connectors > Wire-to-Board Connector Assemblies & Housings > Receptacle Housing: Wire-to-Board, no Mating Alignment, SL 156



Connector Product Type: **Housing**

Connector & Housing Type: **Receptacle**

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

Number of Positions: **20**

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

All Receptacle Housing: Wire-to-Board, no Mating Alignment, SL 156 (27)

## Features

### Dimensions

| | |
|---|---|
| | 3.121 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 | 20 |
| 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 |

## Body Features

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

## Mechanical Attachment

| | |
|---|---|
| Mating Retention | Without |
| Connector Mounting Type | Cable Mount (Free-Hanging) |
| Strain Relief | Without |
| Panel Mount Feature | Without |
| 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 |

## Usage Conditions

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

## Other

| | |
|---|---|
| EU RoHS Compliance | Compliant |
| EU ELV Compliance | Compliant |

## Electrical Characteristics

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

## Industry Standards

| | |
|---|---|
| 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)<br>Candidate List Declared Against: JUNE 2024 (241)<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



TE Part # 2-640445-0
20P MTA156 HDR ASSY FL/STR SN



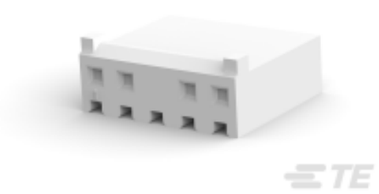
TE Part # 2-644752-0
20P MTA156 HDR ASSY SQ STR F/L



TE Part # 2-640388-0
20P MTA156 HDR ASSY RN STR F/L



TE Part # 2-640389-0
20P MTA156 HDR ASSY SQ R/A F/L



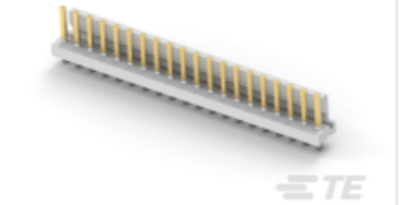
TE Part # CAT-103156-WBHSN
Receptacle Housing: Wire-to-Board, no Mating Alignment, SL 156



TE Part # 2-640551-0
20P MTA156 COVER



TE Part # 2-640383-0
20P MTA156 HDR ASSY STR SQ SN



TE Part # 5-641208-0
20P MTA156 HDR ASSY FL ST LF



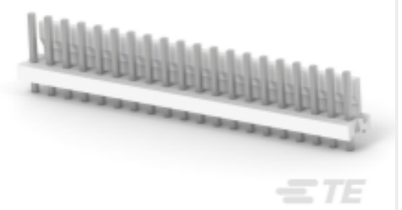
TE Part # 2-640385-0
20P MTA156 HDR ASSY SQ R/A



TE Part # 2-640387-0
20P MTA156 HDR ASSY SQ R/A



TE Part # 2-640643-0
20P MTA156 COVER F/T



TE Part # 2-641119-0
20P MTA156 HDR ASSY FL/ST 15AU



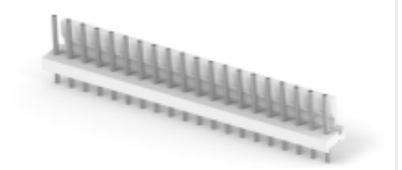
TE Part # 2-643067-0
20P MTA156 MOLDED COVER



TE Part # 2-643071-0
20P MTA156 FD-THRU COVER



TE Part # 2-644751-0
20P MTA156 HDR ASSY R/A



TE Part # 2-644753-0
20P MTA156 HDR ASSY RN STR F/L



TE Part # 2479636-1
EXTRACTION TOOL



TE Part # 5-641119-0
20P MTA156 HDR ASSY FL/ST LF



TE Part # 5-641120-0
20P MTA156 HDR ASSY FL/ST LF

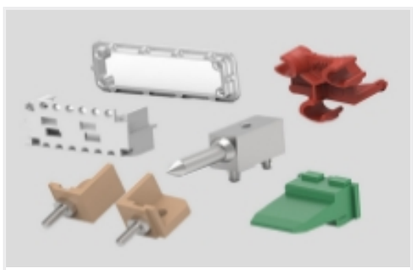


TE Part # 5-641207-0
20P MTA156 HDR ASSY FL RA LF

## Also in the Series | SL-156



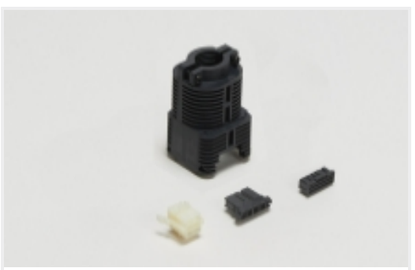
Connector Contacts(23)



Connector Hardware(4)



Insertion & Extraction Tools(1)



Rectangular Connector Housings(10)



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

## Customers Also Bought



TE Part #640383-7
07P MTA156 HDR ASSY STR SQ SN



TE Part #640383-8
08P MTA156 HDR ASSY STR SQ SN



TE Part #170364-3
MINI UNIVERSAL M-N-L PIN LP



TE Part #640383-6
06P MTA156 HDR ASSY STR SQ SN



TE Part #640383-9
09P MTA156 HDR ASSY STR SQ SN



TE Part #650889-5
096 EURO TYPE R PIN AP ASSY



TE Part #770986-3
MINI UMNL SOK 26-22AWG AU LP



TE Part #350980-3
Connector Contacts: Wire-to-Board Socket, SL 156



TE Part #552100-1
CLIP, BAIL

## Documents

### CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_2-640251-0_AL_c-2-640251-0-al.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_2-640251-0_AL_c-2-640251-0-al.3d_igs.zip

English

## Customer View Model

ENG_CVM_CVM_2-640251-0_AL_c-2-640251-0-al.3d_stp.zip

English

By downloading the CAD file I accept and agree to the Terms and Conditions of use.

## Product Specifications

### Application Specification

English

## Agency Approvals

### UL Report

English