

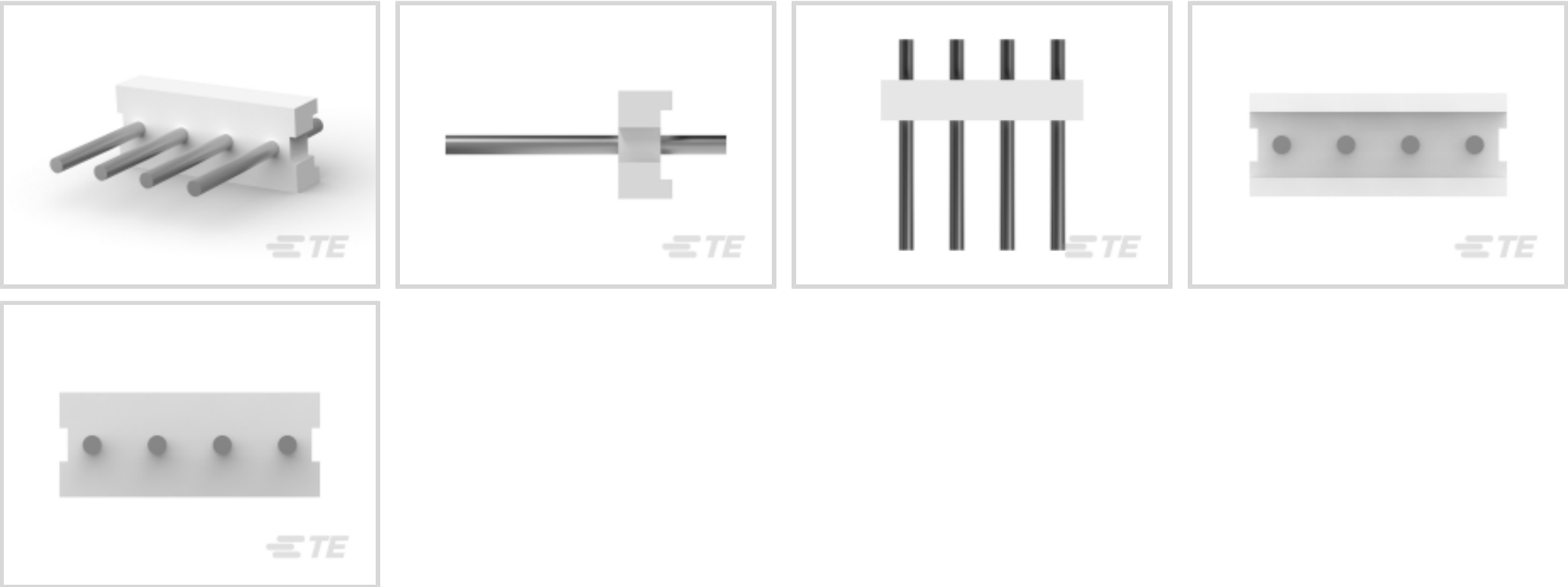


MTA 156

TE Internal #: 640384-4  
PCB Mount Header, Vertical, Wire-to-Board, 4 Position, 3.96 mm [.156 in] Centerline, Unshrouded, Tin (Sn), Through Hole - Solder, Power, MTA 156

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Connectors > PCB Connectors > PCB Headers & Receptacles



PCB Connector Type: **PCB Mount Header**  
PCB Mount Orientation: **Vertical**  
Connector System: **Wire-to-Board**  
Number of Positions: **4**  
Centerline (Pitch): **3.96 mm [.156 in]**

Features

Product Type Features

|                                   |                       |
|-----------------------------------|-----------------------|
| Mixed & Hybrid Header             | No                    |
| Connector Shape                   | Rectangular           |
| PCB Connector Type                | PCB Mount Header      |
| Connector System                  | Wire-to-Board         |
| Header Type                       | Unshrouded            |
| Sealable                          | No                    |
| Connector & Contact Terminates To | Printed Circuit Board |
| Connector Product Type            | Connector Assembly    |

Configuration Features

|                                  |              |
|----------------------------------|--------------|
| Number of Columns                | 4            |
| Number of Loaded Positions       | 4            |
| Connector Contact Load Condition | Fully Loaded |
| PCB Mount Orientation            | Vertical     |
| Number of Positions              | 4            |



|                           |   |
|---------------------------|---|
| Number of Rows            | 1 |
| Number of Power Positions | 4 |

Electrical Characteristics

|                   |         |
|-------------------|---------|
| Operating Voltage | 600 VAC |
|-------------------|---------|

Body Features

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

Contact Features

|                                                         |                  |
|---------------------------------------------------------|------------------|
| Contact Underplating Material                           | Nickel           |
| Mating Pin Diameter                                     | 1.14 mm[.045 in] |
| Contact Underplating Material Thickness                 | 1.27 µm[50 µin]  |
| Contact Size                                            | 1.14mm           |
| PCB Contact Termination Area Plating Material Thickness | 2.54 µm[100 µin] |
| Contact Shape & Form                                    | Round            |
| Contact Layout                                          | Inline           |
| Contact Mating Area Length                              | 10.16 mm[.4 in]  |
| Contact Base Material                                   | Copper Alloy     |
| Contact Mating Area Plating Material                    | Tin (Sn)         |
| Contact Mating Area Plating Material Thickness          | 2.54 µm[100 µin] |
| Contact Type                                            | Pin              |
| Contact Current Rating (Max)                            | 14.24 A          |
| PCB Contact Termination Area Plating Material           | Tin              |

Termination Features

|                                  |                       |
|----------------------------------|-----------------------|
| Termination Post & Tail Diameter | 1.14 mm[.045 in]      |
| Termination Post & Tail Length   | 3.18 mm[.125 in]      |
| Termination Method to PCB        | Through Hole - Solder |

Mechanical Attachment

|                         |             |
|-------------------------|-------------|
| Panel Mount Feature     | Without     |
| PCB Mount Alignment     | Without     |
| Mating Retention        | Without     |
| PCB Mount Retention     | Without     |
| Connector Mounting Type | Board Mount |
| Mating Alignment        | Without     |



Housing Features

|                       |                            |
|-----------------------|----------------------------|
| Mating Entry Location | Top                        |
| Centerline (Pitch)    | 3.96 mm[.156 in]           |
| Housing Material      | Thermoplastic Polyester GF |

Dimensions

|                             |                   |
|-----------------------------|-------------------|
| Connector Width             | 6.35 mm[.25 in]   |
| PCB Thickness (Recommended) | 1.57 mm[.062 in]  |
| Connector Height            | 13.34 mm[.525 in] |
| Connector Length            | 15.85 mm[.624 in] |

Usage Conditions

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

Operation/Application

|                     |       |
|---------------------|-------|
| Circuit Application | Power |
|---------------------|-------|

Industry Standards

|                                             |                               |
|---------------------------------------------|-------------------------------|
| Compatible With Agency/Standards Products   | CSA, UL                       |
| UL Rating                                   | Recognized                    |
| Compatible With Approved Standards Products | UL E28476                     |
| Glow Wire Rating                            | Standard Part - Not Glow Wire |
| UL Flammability Rating                      | UL 94V-0                      |

Packaging Features

|                    |         |
|--------------------|---------|
| Packaging Quantity | 2000    |
| Packaging Method   | Package |

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)<br>Candidate List Declared Against: JAN 2025 (247)<br>Does not contain REACH SVHC |



|                           |                                                |
|---------------------------|------------------------------------------------|
| Halogen Content           | Not Low Halogen - contains Br or Cl > 900 ppm. |
| Solder Process Capability | Wave solder capable to 265°C                   |

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 # CAT-103156-WBHSN<br>Receptacle Housing: Wire-to-Board, no Mating Alignment, SL 156 | <br>TE Part # 3-644462-4<br>04P MTA156 CONN ASSY 20AWG LF | <br>TE Part # 3-640435-4<br>04P MTA156 CONN ASSY 26AWG LF                                         | <br>TE Part # 3-640428-4<br>04P MTA156 CONN ASSY 22AWG RED |
| <br>TE Part # 3-643819-4<br>04P MTA156 CONN ASSY 22AWG RED                                       | <br>TE Part # 3-644860-4<br>04P MTA156 CONN ASSY 18AWG LF | <br>TE Part # 3-640430-4<br>04P MTA156 CONN ASSY 26AWG BLU                                        | <br>TE Part # 3-640601-4<br>04P MTA156 CONN ASSY 22AWG LF  |
| <br>TE Part # 3-640604-4<br>04P MTA156 CONN ASSY 18AWG LF                                        | <br>TE Part # 643067-4<br>04P MTA156 CMOLDED COVER        | <br>TE Part # CAT-103156-WBHSM<br>Receptacle Housing: Wire-to-Board, with Mating Alignment, SL156 | <br>TE Part # 3-640426-4<br>04P MTA156 CONN ASSY 18AWG ORA |



TE Part # 3-640477-4  
04 CIR MTA156 ASSY ON TAPE LF

TE Part # 3-644469-4  
04P MTA156 CONN ASSY 18AWG LF

TE Part # 3-644463-4  
04P MTA156 CONN ASSY 22AWG RED

TE Part # 3-644464-4  
04P MTA156 CONN ASSY 24AWG LF

TE Part # 3-643820-4  
04P MTA156 CONN ASSY 24AWG WHT

TE Part # 3-640599-4  
04P MTA156 CONN ASSY 18AWG ORA

TE Part # 3-640600-4  
04P MTA156 CONN ASSY 20AWG LF

TE Part # 3-640427-4  
04P MTA156 CONN ASSY 20AWG YEL

Also in the Series | MTA 156

Connector Contacts(4)

Connector Hardware(2)

PCB Headers & Receptacles(677)

Power Contacts(3)

Rectangular Power Connectors(1178)

Standard Rectangular Connectors(667)

Wire-to-Board Connector Assemblies & Housings(594)

Customers Also Bought

TE Part #BKA145N00590200000  
923 EXTENSION, SPEEDTEC-READY

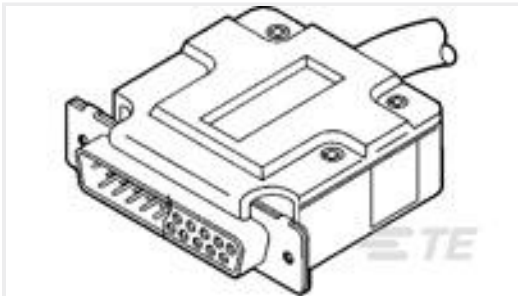
TE Part #61-0004-011-P00  
CONTACT PIN 1 MM

TE Part #60196-3  
187 FASTON REC 20-16 AWG TPBR

TE Part #66102-8  
III+ PIN,24-20,15AU/FL,STRIP



TE Part #1-66358-0  
III+ SKT,18-14,30AU/FL,STRIP



TE Part #207345-1  
CABLE CLAMP KIT,SZ 3



TE Part #380598-1  
RCR AU-SPR AU-CUP 018-040



TE Part #1-640385-7  
17P MTA156 HDR ASSY SQ R/A



TE Part #8-640903-1  
RECEPT,PIDG FASTON 22-18 250



TE Part #2267473-1  
SIZE 11 PERIPHERAL SEAL, CPC

Documents

Product Drawings

04P MTA156 HDR ASSY STR RND SN

English

CAD Files

Customer View Model

ENG\_CVM\_CVM\_640384-4\_AC.2d\_dxf.zip

English

3D PDF

3D

Customer View Model

ENG\_CVM\_CVM\_640384-4\_AC.3d\_igs.zip

English

Customer View Model

ENG\_CVM\_CVM\_640384-4\_AC.3d\_stp.zip

English

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Product Specifications

Application Specification

English

Agency Approvals

Agency Approval Document

English