



MTA 156

TE Internal #: 2-647127-4

PCB Mount Header, Vertical, Wire-to-Board, 4 Position, 3.96 mm [.156 in] Centerline, Fully Shrouded, 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                       | Fully Shrouded        |
| Sealable                          | No                    |
| Connector & Contact Terminates To | Printed Circuit Board |
| Connector Product Type            | Connector Assembly    |

Configuration Features

|                                  |              |
|----------------------------------|--------------|
| Connector Contact Load Condition | Fully Loaded |
| Number of Columns                | 4            |
| Number of Loaded Positions       | 4            |
| 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

|                       |          |
|-----------------------|----------|
| Connector Profile     | Standard |
| Primary Product Color | Black    |

Contact Features

|                                                         |                               |
|---------------------------------------------------------|-------------------------------|
| Contact Underplating Material                           | Nickel                        |
| Contact Underplating Material Thickness                 | 1.27 μm[50 μin]               |
| Contact Size                                            | 1.14mm                        |
| Mating Square Post Dimension                            | 1.14 mm[.045 in]              |
| Contact Base Material                                   | Copper Alloy                  |
| PCB Contact Termination Area Plating Material Finish    | Matte                         |
| Contact Shape & Form                                    | Square                        |
| PCB Contact Termination Area Plating Material Thickness | 3.81 – 8.89 μm[150 – 350 μin] |
| Contact Layout                                          | Inline                        |
| Contact Mating Area Length                              | 7.62 mm[.3 in]                |
| Contact Mating Area Plating Material                    | Tin (Sn)                      |
| Contact Mating Area Plating Material Finish             | Matte                         |
| Contact Mating Area Plating Material Thickness          | 3.81 – 8.89 μm[150 – 350 μin] |
| Contact Type                                            | Tab                           |
| Contact Current Rating (Max)                            | 14.24 A                       |
| PCB Contact Termination Area Plating Material           | Tin                           |

Termination Features

|                                          |                       |
|------------------------------------------|-----------------------|
| Square Termination Post & Tail Dimension | 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 Retention Type | Tab          |
| Mating Alignment Type    | Polarization |



|                          |              |
|--------------------------|--------------|
| Mating Retention Type    | Latch Detent |
| PCB Mount Alignment Type | Pegs         |
| PCB Mount Alignment      | With         |
| Mating Retention         | With         |
| PCB Mount Retention      | With         |
| Connector Mounting Type  | Board Mount  |
| Mating Alignment         | With         |

Housing Features

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

Dimensions

|                             |                   |
|-----------------------------|-------------------|
| Connector Width             | 11.56 mm[.455 in] |
| Connector Height            | 13.34 mm[.525 in] |
| Connector Length            | 18.24 mm[.718 in] |
| PCB Thickness (Recommended) | 1.57 mm[.062 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   | Bag  |

Product Compliance

For compliance documentation, visit the product page on [TE.com](#)>

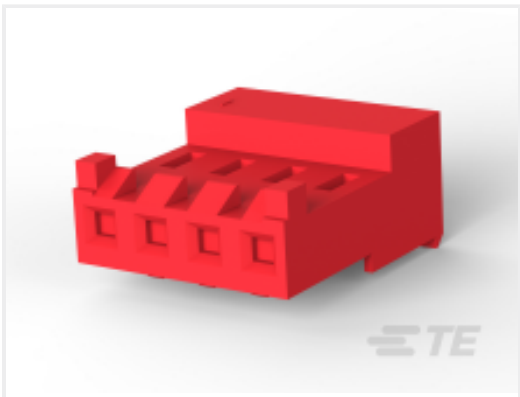


|                                               |                                                                                                                                 |
|-----------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------|
| 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 2025 (250)<br>Candidate List Declared Against: JUNE 2025 (250)<br>Does not contain REACH SVHC |
| Halogen Content                               | Not Low Halogen - contains Br or Cl > 900 ppm.                                                                                  |
| Solder Process Capability                     | Wave solder capable to 240°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



TE Part # 3-643819-4  
04P MTA156 CONN ASSY 22AWG RED



TE Part # 770598-4  
04P SL156 HSG W/O LCK RAMP



TE Part # 3-644462-4  
04P MTA156 CONN ASSY 20AWG LF



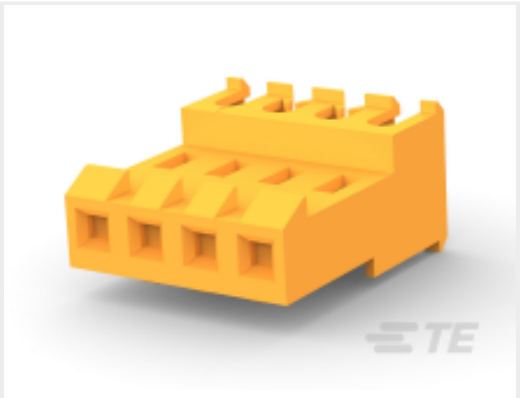
TE Part # 3-640435-4  
04P MTA156 CONN ASSY 26AWG LF



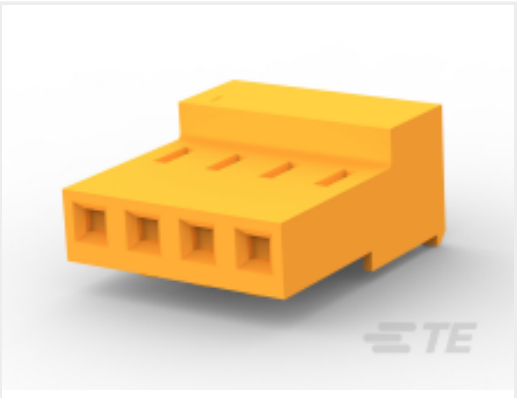
TE Part # 3-640428-4  
04P MTA156 CONN ASSY 22AWG RED



TE Part # 3-644860-4  
04P MTA156 CONN ASSY 18AWG LF



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



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



TE Part # 3-640430-4  
04P MTA156 CONN ASSY 26AWG BLU

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

TE Part # 643067-4  
04P MTA156 CMOLDED COVER

TE Part # 3-640601-4  
04P MTA156 CONN ASSY 22AWG LF

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

TE Part # 3-640604-4  
04P MTA156 CONN ASSY 18AWG LF

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

TE Part # 3-640426-4  
04P MTA156 CONN ASSY 18AWG ORA

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

TE Part # CAT-103156-WBHSM  
Receptacle Housing: Wire-to-Board, with Mating Alignment, SL156

TE Part # 3-640433-4  
04P MTA156 CONN ASSY 22AWG RED

TE Part # 3-640432-4  
04P MTA156 CONN ASSY 20AWG YEL

Also in the Series | MTA 156

Connector Caps & Covers(89)

Connector Contacts(4)

Connector Hardware(2)

Power Contacts(3)

Rectangular Power Connectors(1178)

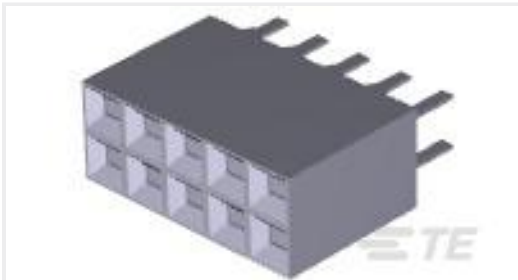
Standard Rectangular Connectors(667)

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

Customers Also Bought



TE Part #6-102203-1  
14 MODII HDR SRRA SHRD LF



TE Part #5-534206-5  
10 MODII VRT DR CE 100/115



TE Part #640389-6  
06P MTA156 HDR ASSY SQ R/A F/L



TE Part #640457-3  
03P MTA100 HDR ASSY SQ R/A F/L



TE Part #1461402-6  
OJE-SH-112HM,000



TE Part #2-1676480-7  
CRG0402 1% 1K6



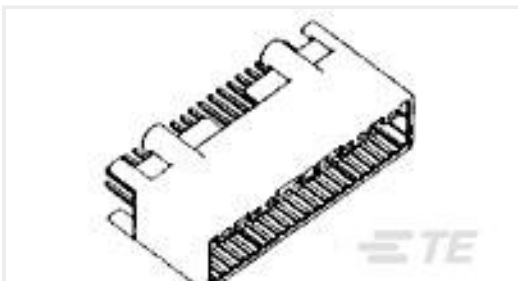
TE Part #2337228-1  
TACT ULTRA JB 3.0X2.6X0.65 100GF



TE Part #5499345-9  
A/L UNIV HDR 40P RA SHT LAT



TE Part #5555141-1  
MJ,LPF,R/A,8P/8C,SHLD,PNL GRD



TE Part #6318384-5  
025 40POS CAP ASSY H AU

Documents

Product Drawings

04P MTA156 SHRD HDR ASSY LF

English

CAD Files

3D PDF

3D

Customer View Model

ENG\_CVM\_CVM\_2-647127-4\_C.2d\_dxf.zip

English

Customer View Model

ENG\_CVM\_CVM\_2-647127-4\_C.3d\_igs.zip

English

Customer View Model

ENG\_CVM\_CVM\_2-647127-4\_C.3d\_stp.zip

English

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Product Specifications



Product Specification

English

Product Specification

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Agency Approvals

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