



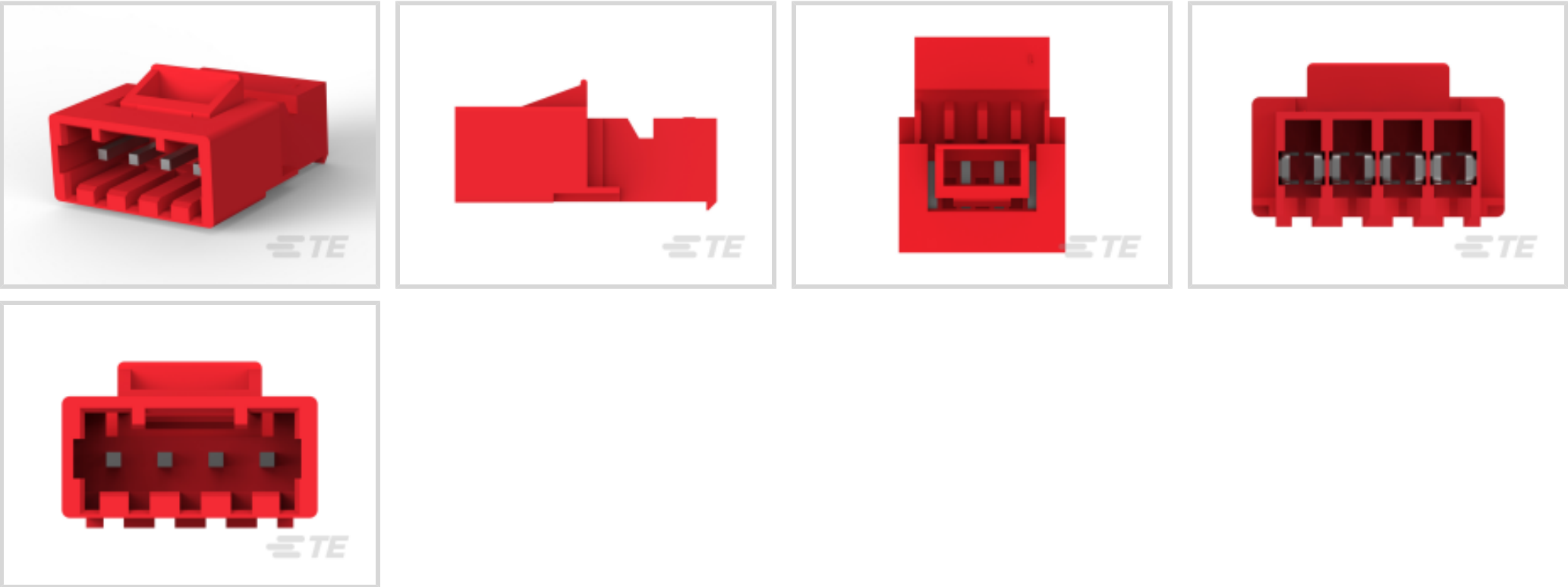
MTA 156

TE Internal #: 3-641437-4

Rectangular Power Connectors, Connector Assembly, Plug, Wire-to-Wire, 4 Position, 3.96 mm [.156 in] Centerline, Wire & Cable, UL 94V-2, MTA 156

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Connectors > Power Connectors > Rectangular Power > Rectangular Power Connectors



Rectangular Power Connector Type: **Connector Assembly**

Connector & Housing Type: **Plug**

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

Number of Positions: **4**

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

Features

Product Type Features

|                                    |                    |
|------------------------------------|--------------------|
| Compatible With Discrete Wire Type | Solid, Stranded    |
| Rectangular Power Connector Type   | Connector Assembly |
| Connector & Housing Type           | Plug               |
| Connector System                   | Wire-to-Wire       |
| Sealable                           | No                 |
| Connector & Contact Terminates To  | Wire & Cable       |

Configuration Features

|                            |   |
|----------------------------|---|
| Number of Positions        | 4 |
| Number of Power Positions  | 4 |
| Number of Signal Positions | 0 |
| Number of Rows             | 1 |

Electrical Characteristics

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

Body Features



|                  |     |
|------------------|-----|
| Cable Exit Angle | 90° |
|------------------|-----|

Contact Features

|                                                 |                 |
|-------------------------------------------------|-----------------|
| Contact Layout                                  | Inline          |
| Contact Underplating Material Thickness         | 50 µm[1.27 µin] |
| Wire Contact Termination Area Plating Thickness | 2.03 µm[80 µin] |
| Contact Mating Area Plating Material            | Tin             |
| Contact Mating Area Plating Material Finish     | Matte           |
| Contact Underplating Material                   | Nickel          |
| Contact Base Material                           | Copper Alloy    |
| Contact Current Rating (Max)                    | 7 A             |
| Contact Retention Within Housing                | With            |
| Contact Type                                    | Pin             |
| Wire Contact Termination Area Plating Material  | Tin             |
| Contact Mating Area Plating Material Thickness  | 2.03 µm[80 µin] |

Termination Features

|                                    |                               |
|------------------------------------|-------------------------------|
| Termination Method to Wire & Cable | Insulation Displacement (IDC) |
|------------------------------------|-------------------------------|

Mechanical Attachment

|                                       |                            |
|---------------------------------------|----------------------------|
| Strain Relief                         | With                       |
| Mating Alignment Type                 | Polarization               |
| Mating Retention                      | With                       |
| Mating Alignment                      | With                       |
| Contact Retention Type Within Housing | Locking Lance              |
| PCB Mount Alignment                   | Without                    |
| Panel Mount Feature                   | Without                    |
| PCB Mount Retention                   | Without                    |
| Mating Retention Type                 | Latch                      |
| Connector Mounting Type               | Cable Mount (Free-Hanging) |

Housing Features

|                                    |                  |
|------------------------------------|------------------|
| Wire & Cable IDC Installation Type | Closed End       |
| Centerline (Pitch)                 | 3.96 mm[.156 in] |
| Housing Color                      | White            |
| Housing Material                   | Nylon - GF       |



Dimensions

|                                      |                  |
|--------------------------------------|------------------|
| Connector Height                     | 12.37 mm         |
| Product Length                       | 19.81 mm         |
| Compatible Insulation Diameter Range | 2.41 mm[.095 in] |
| Wire Size                            | .3 – .4 mm²      |

Usage Conditions

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

Operation/Application

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

Industry Standards

|                        |                               |
|------------------------|-------------------------------|
| CSA Rating             | Certified, LR 7189            |
| UL Rating              | Recognized                    |
| Agency/Standard        | CSA, UL                       |
| Approved Standards     | UL E28476                     |
| UL Flammability Rating | UL 94V-2                      |
| Glow Wire Rating       | Standard Part - Not Glow Wire |

Packaging Features

|                    |         |
|--------------------|---------|
| Packaging Quantity | 1500    |
| Packaging Method   | Package |

Product Compliance

For compliance documentation, visit the product page on TE.com>

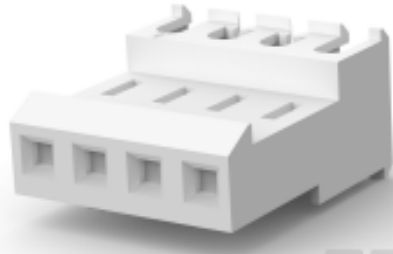
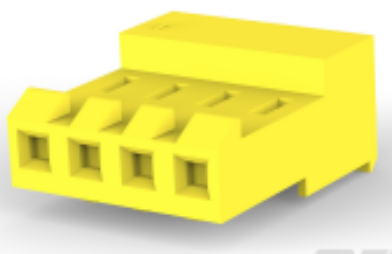
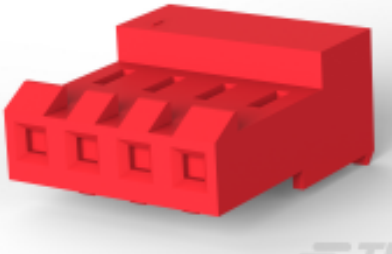
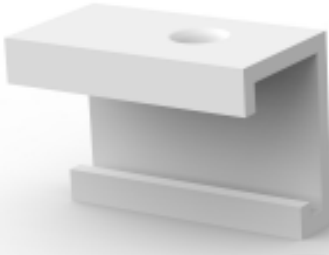
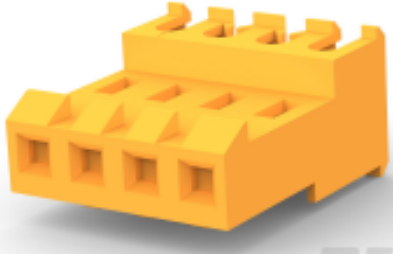
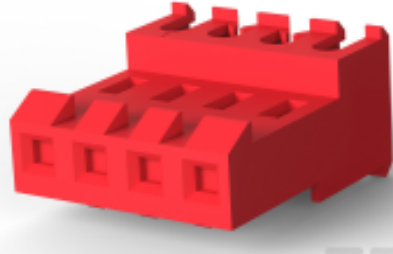
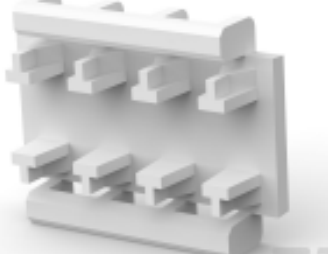
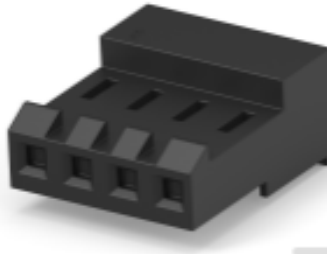
|                                               |                                                                                                                                 |
|-----------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------|
| 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: JUNE 2023 (235)<br>Candidate List Declared Against: JUNE 2023 (235)<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 # 58074-1<br/>MTA 50/100/156 MANUAL TOOL FRAME</p>  |  <p>TE Part # 3-640602-4<br/>04P MTA156 CONN ASSY 24AWG LF</p>  |  <p>TE Part # 3-640429-4<br/>04P MTA156 CONN ASSY 24AWG WHT</p> |  <p>TE Part # 3-640427-4<br/>04P MTA156 CONN ASSY 20AWG YEL</p> |
|  <p>TE Part # 3-640428-4<br/>04P MTA156 CONN ASSY 22AWG RED</p> |  <p>TE Part # 3-640426-4<br/>04P MTA156 CONN ASSY 18AWG ORA</p> |  <p>TE Part # 640551-4<br/>04P MTA156 COVER</p>                 |  <p>TE Part # 640643-4<br/>04P MTA156 COVER F/T</p>             |
|  <p>TE Part # 3-640599-4<br/>04P MTA156 CONN ASSY 18AWG ORA</p> |  <p>TE Part # 3-640601-4<br/>04P MTA156 CONN ASSY 22AWG LF</p>  |  <p>TE Part # 643071-4<br/>04P MTA156 FD-THRU COVER</p>         |  <p>TE Part # 3-644860-4<br/>04P MTA156 CONN ASSY 18AWG LF</p>  |



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

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

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

TE Part # 643067-4  
04P MTA156 CMOLDED COVER

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

TE Part # 58082-1  
MTA 156 CRIMP HEAD PRODUCTION POSTED

TE Part # 58009-2  
MTA 156 BOARD FIXTURE CLOSED END POSTED

TE Part # 58040-1  
MTA 156 ARBOR FIXTURE DISCRETE RBN CABLE

Also in the Series | MTA 156

Insertion & Extraction Tools(1)

PCB Connector Covers(88)

PCB Connector Keying(2)

PCB Connector Mounting(1)

PCB Headers & Receptacles(314)

Power Contacts(2)

Rectangular Power Connectors(698)

Standard Rectangular Connectors(337)

Wire-to-Board Connector Contacts(2)

Customers Also Bought



TE Part #556879-3  
PLUG HSG,AMPINNERGY WTB,3 POS



TE Part #3-1617028-5  
HFW1106K12 = M39016/6-128L



TE Part #2335889-1  
AMPLIMITE SZ 1 PLUG. 9 POS, ST STL SHELL



TE Part #1534681-1  
MAG-MATE CONTACT.187 WITH SOLDER PIN



TE Part #1534684-1  
MAG MATE CONT .300 SOLDER POST



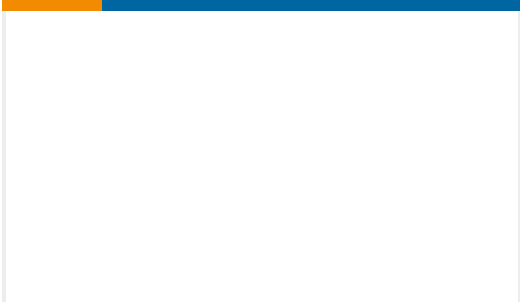
TE Part #66591-2  
TYPE VI PIN,MULTI-MATE,L.P.



TE Part #1617037-1  
HFW5A1106K00 = HFW5A RELAY



TE Part #1987775-1  
SOCKET HOUSING 2 POS.



TE Part #2-1617001-3  
A07A012CC1-0031 = 07 10AMP REL

Documents

Product Drawings

04P MTA156 PSTD CONN ASSY RED

English

CAD Files

3D PDF

3D

Customer View Model

ENG\_CVM\_CVM\_3-641437-4\_H.2d\_dxf.zip

English

Customer View Model

ENG\_CVM\_CVM\_3-641437-4\_H.3d\_igs.zip

English

Customer View Model

ENG\_CVM\_CVM\_3-641437-4\_H.3d\_stp.zip

English

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Product Specifications



Product Specification

English

Product Specification

English

Product Environmental Compliance

Product Compliance

English

Product Compliance

English

Agency Approvals

UL Report

English