



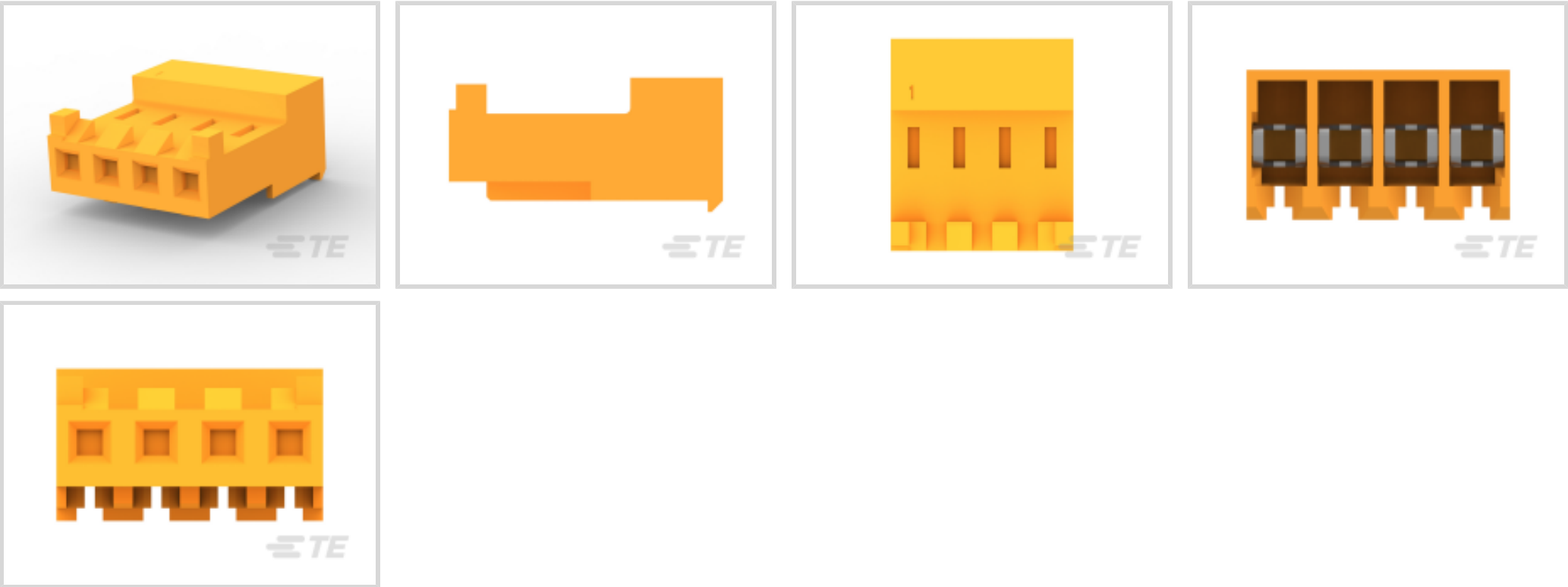
MTA 156

TE Internal #: 3-644460-4

Connector Assembly, Receptacle, Insulation Displacement (IDC), Wire-to-Board, MTA 156, Rectangular Wire & Cable Connectors & Housings

[View on TE.com >](#)

Connectors > Rectangular Connectors > Standard Rectangular Connectors



Connector Product Type: **Connector Assembly**  
Connector & Housing Type: **Receptacle**  
Mating Alignment: **With**  
Mating Alignment Type: **Polarizing Tab**  
Mating Retention: **With**

Features

Product Type Features

|                                    |                    |
|------------------------------------|--------------------|
| Compatible With Discrete Wire Type | Stranded           |
| Connector Product Type             | Connector Assembly |
| Connector & Housing Type           | Receptacle         |
| Connector System                   | Wire-to-Board      |
| Sealable                           | No                 |
| Connector & Contact Terminates To  | Wire & Cable       |

Configuration Features

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

Electrical Characteristics

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

Body Features

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



|                       |        |
|-----------------------|--------|
| Primary Product Color | Orange |
|-----------------------|--------|

Contact Features

|                                                 |                                             |
|-------------------------------------------------|---------------------------------------------|
| Contact Underplating Material                   | Nickel                                      |
| Contact Underplating Material Thickness         | 1.27 – 1.77 μm[1.27 – 1.77 μin]             |
| Wire Contact Termination Area Plating Material  | Tin                                         |
| Contact Mating Area Plating Material Thickness  | .076 μm[3 μin]                              |
| Contact Layout                                  | Inline                                      |
| Contact Base Material                           | Copper Alloy                                |
| Wire Contact Termination Area Plating Thickness | .38 μm[15 μin]                              |
| Contact Type                                    | Receptacle                                  |
| Contact Mating Area Plating Material            | Gold (Au), Gold Flash over Palladium Nickel |
| Contact Retention Within Housing                | With                                        |
| Contact Current Rating (Max)                    | 7 A                                         |

Termination Features

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

Mechanical Attachment

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

Housing Features

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

Dimensions

|                                      |                  |
|--------------------------------------|------------------|
| Compatible Insulation Diameter Range | 2.41 mm[.095 in] |
| Connector Height                     | 9.02 mm[.355 in] |
| Wire Size                            | 18 AWG           |



Connector Length15.85 mm[.624 in]

Usage Conditions

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

Operation/Application

Circuit ApplicationPower & Signal

Industry Standards

Compatible With Agency/Standards ProductsCSA, UL

UL RatingRecognized

Compatible With Approved Standards ProductsUL E28476

CSA RatingCertified, LR 7189

Glow Wire RatingStandard Part - Not Glow Wire

UL Flammability RatingUL 94V-2

Packaging Features

Packaging Quantity250

Packaging MethodBag

Product Compliance

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

EU RoHS Directive 2011/65/EUCompliant

EU ELV Directive 2000/53/ECCompliant

China RoHS 2 Directive MIIT Order No 32, 2016No Restricted Materials Above Threshold

EU REACH Regulation (EC) No. 1907/2006  
Current ECHA Candidate List: JAN 2025 (247)  
Candidate List Declared Against: JAN 2025 (247)  
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 CapabilityNot applicable for solder process capability

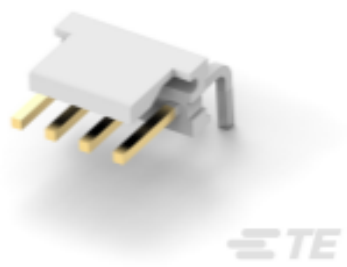
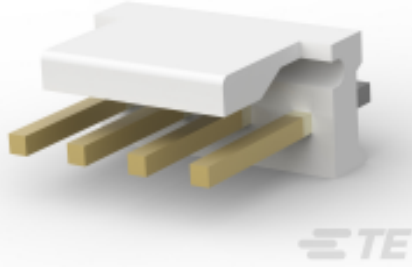
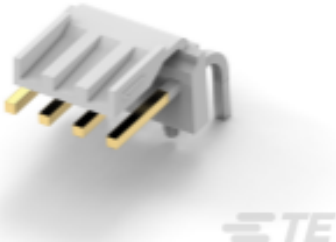
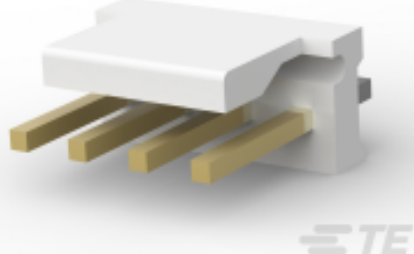
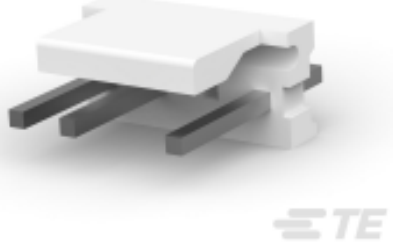
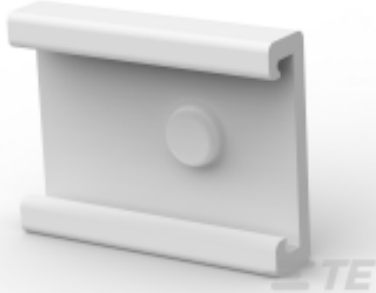
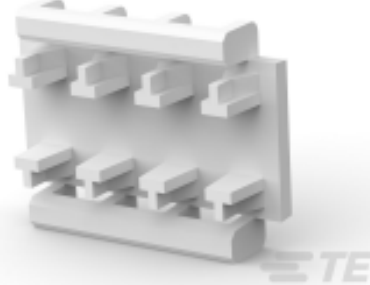
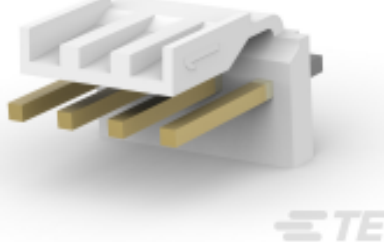
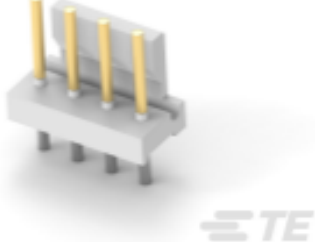
Product Compliance Disclaimer

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

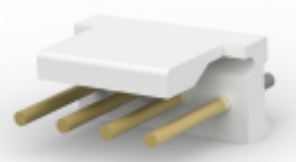


numbers that TE has identified as EU ELV compliant have a maximum concentration of 0.1% by weight in homogenous materials for lead, hexavalent chromium, and mercury, and 0.01% for cadmium, or qualify for an exemption to these limits as defined in the Annexes of Directive 2000/53/EC (ELV). Regarding the 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 # 3-644761-4<br/>04P MTA156 HDR ASSY R/A F/L LF</p> |  <p>TE Part # 641208-4<br/>04P MTA156 HDR ASSY FL ST 30AU</p> |  <p>TE Part # 58247-3<br/>MTA 156 CRIMP HEAD PRODUCTION RBBN CABLE</p> |  <p>TE Part # 58074-1<br/>MTA 50/100/156 MANUAL TOOL FRAME</p>    |
|  <p>TE Part # 3-644759-4<br/>04P MTA156 HDR ASSY STR LF</p>   |  <p>TE Part # 3-644633-4<br/>04P MTA156 HDR ASSY R/A LF</p> |  <p>TE Part # 3-641202-4<br/>04P MTA156 HDR ASSY PL 30AU LF</p>      |  <p>TE Part # 3-641208-4<br/>04P MTA156 HDR ASSY FL ST 30AU</p> |
|  <p>TE Part # 643493-1<br/>04P MTA156 HDR ASSY STR W/O#2</p>  |  <p>TE Part # 640643-4<br/>04P MTA156 COVER F/T</p>         |  <p>TE Part # 643071-4<br/>04P MTA156 FD-THRU COVER</p>              |  <p>TE Part # 59804-1<br/>MAINTENANCE TOOL</p>                  |
|  <p>TE Part # 640551-4<br/>04P MTA156 COVER</p>               |  <p>TE Part # 643493-3<br/>04P MTA156 HDR ASSY W/O#2,3</p>  |  <p>TE Part # 3-644631-4<br/>04P MTA156 HDR ASSY STR LF</p>          |  <p>TE Part # 3-644760-4<br/>04P MTA156 HDR ASSY FL ST LF</p>   |

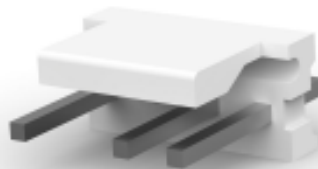




TE Part # 3-641209-4  
04P MTA156 HDR ASSY FL ST LF



TE Part # 58247-2  
MTA 156 CRIMP HEAD PRODUCTION DISCRETE



TE Part # 643493-4  
04P MTA156 HDR ASSY STR W/O#3



TE Part # 643067-4  
04P MTA156 CMOLDED COVER

Also in the Series | MTA 156



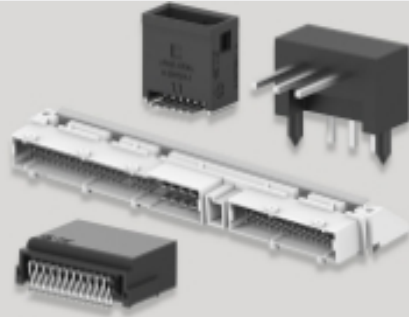
Connector Caps & Covers(89)



Connector Contacts(4)



Connector Hardware(2)



PCB Headers & Receptacles(677)



Power Contacts(3)



Rectangular Power Connectors(1178)



Standard Rectangular Connectors(667)

Customers Also Bought



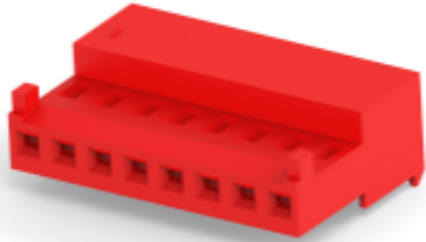
TE Part #1802105-1  
1PORT,MATENET,REC HSG,SLD,COD A,UTP,ASSY



TE Part #3-644465-4  
04P MTA156 CONN ASSY 18AWG ORA



TE Part #3-644465-3  
03P MTA156 CONN ASSY 18AWG ORA



TE Part #CAT-104MTA-NGPMR  
Nylon Gold Plated Receptacle: 2.54 mm, with Mating Alignment, MTA 100



TE Part #6450378-9  
MBXL R/A RCT,A/C PASS THRU 3ACP+4P+24S



TE Part #2292800-3  
AS16,PLUG BACKSHELL KIT,ST,06P, NC12



TE Part #86-500G-C  
NISO,LP,GAGE,CABLE/CONNECTOR



TE Part #DP86-001P-OVR-2  
PRESS SENSOR;NISO,DP86-001P-OVR-2



Documents

Product Drawings

04P MTA156 CONN ASSY 18AWG ORA

English

CAD Files

3D PDF

3D

Customer View Model

ENG\_CVM\_CVM\_3-644460-4\_N.2d\_dxf.zip

English

Customer View Model

ENG\_CVM\_CVM\_3-644460-4\_N.3d\_igs.zip

English

Customer View Model

ENG\_CVM\_CVM\_3-644460-4\_N.3d\_stp.zip

English

By downloading the CAD file I accept and agree to the [Terms and Conditions](#) of use.

Product Specifications

Application Specification

Japanese

Application Specification

English

MTA 156 Ribbon Cable Connector Assemblies (English And Spanish)

English

MTA 156 Ribbon Cable Connector Assemblies (English And Spanish)

Japanese

Application Specification

English

Agency Approvals

UL

English

UL

English