



MTA 156

TE Internal #: 4-640426-4

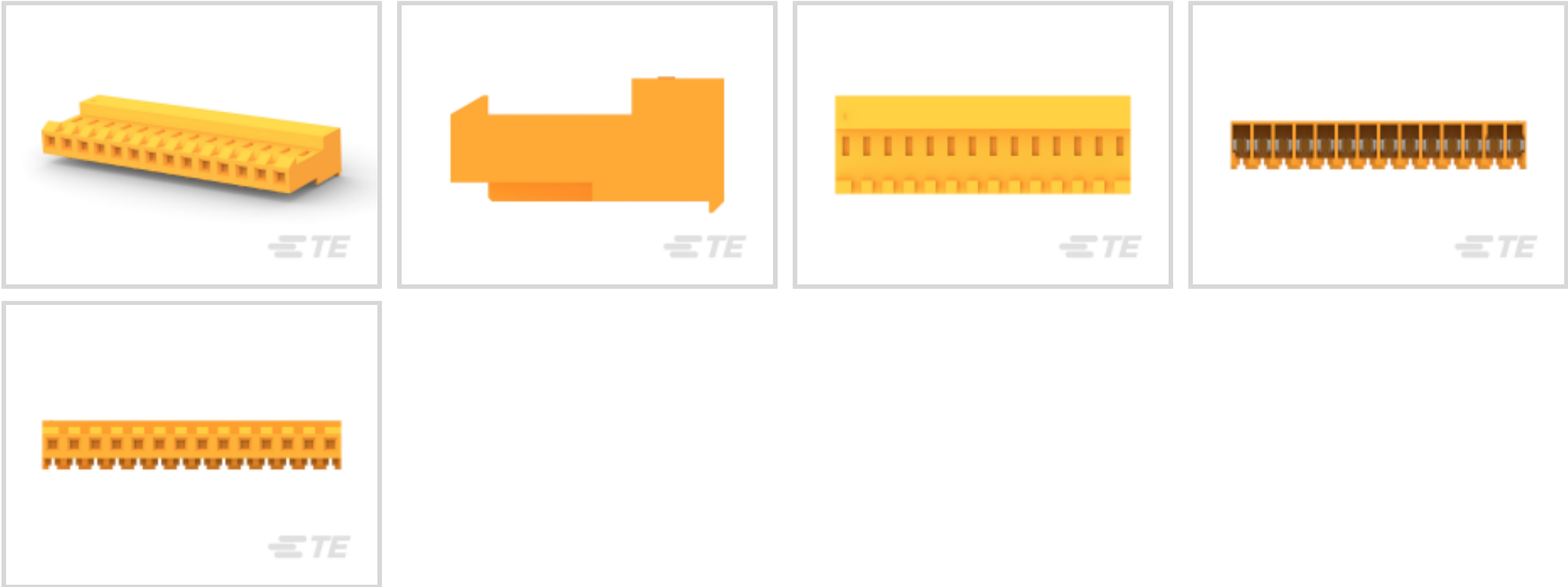
14 Position, Receptacle, Connector Assembly, Insulation

Displacement (IDC), Wire-to-Board, Tin (Sn), UL 94V-2, 3.96 mm [.

156 in] Centerline, MTA 156

[View on TE.com >](#)

Connectors > Rectangular Connectors > Standard Rectangular Connectors



Connector Product Type: **Connector Assembly**

Mating Alignment: **Without**

Connector & Housing Type: **Receptacle**

Mating Retention Type: **Locking Ramp**

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

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 Positions       | 14 |
| Number of Rows            | 1  |
| Number of Power Positions | 14 |

Electrical Characteristics

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

Body Features

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



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

Contact Features

|                                                 |                              |
|-------------------------------------------------|------------------------------|
| Contact Underplating Material                   | Nickel                       |
| Contact Underplating Material Thickness         | 30 µm[.762 µin]              |
| Contact Layout                                  | Inline                       |
| Contact Base Material                           | Copper Alloy                 |
| Wire Contact Termination Area Plating Thickness | 2.03 – 5.08 µm[80 – 200 µin] |
| Contact Mating Area Plating Material Finish     | Matte                        |
| Contact Mating Area Plating Material            | Tin (Sn)                     |
| Contact Retention Within Housing                | With                         |
| Contact Current Rating (Max)                    | 7 A                          |
| Contact Type                                    | Receptacle                   |
| Wire Contact Termination Area Plating Material  | Tin                          |
| Contact Mating Area Plating Material Thickness  | 2.03 – 5.08 µm[80 – 200 µin] |

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                      | Without                    |
| Mating Retention Type                 | Locking Ramp               |
| Mating Retention                      | With                       |
| Connector Mounting Type               | Cable Mount (Free-Hanging) |

Housing Features

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

Dimensions

|                                      |                    |
|--------------------------------------|--------------------|
| Compatible Insulation Diameter Range | 2.41 mm[.095 in]   |
| Connector Height                     | 9.02 mm[.355 in]   |
| Connector Length                     | 55.47 mm[2.184 in] |



|           |                         |
|-----------|-------------------------|
| Wire Size | .8 – .9 mm <sup>2</sup> |
|-----------|-------------------------|

Usage Conditions

|                             |                            |
|-----------------------------|----------------------------|
| 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                     |
| CSA Rating                                  | Certified, LR 7189            |
| UL Flammability Rating                      | UL 94V-2                      |
| Glow Wire Rating                            | Standard Part - Not Glow Wire |

Packaging Features

|                    |           |
|--------------------|-----------|
| Packaging Quantity | 125       |
| Packaging Method   | Bag & Box |

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                               | Low Halogen - Br, Cl, F < 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

|                                                                                                                                               |                                                                                                                                              |                                                                                                                                                  |                                                                                                                                                        |
|-----------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------|
| <br>TE Part # 1-644752-4<br>14P MTA156 HDR ASSY SQ STR F/L   | <br>TE Part # 1-640551-4<br>14P MTA156 COVER                | <br>TE Part # 1-640388-4<br>14P MTA156 HDR ASSY RN STR F/L    | <br>TE Part # 59804-1<br>MAINTENANCE TOOL                           |
| <br>TE Part # 1-644751-4<br>14P MTA156 HDR ASSY R/A        | <br>TE Part # 1-640383-4<br>14P MTA156 HDR ASSY STR SQ SN | <br>TE Part # 1-640445-4<br>14P MTA156 HDR ASSY FL/STR SN   | <br>TE Part # 1-640384-4<br>14P MTA156 HDR ASSY STR RND SN        |
| <br>TE Part # 1-644753-4<br>14P MTA156 HDR ASSY RN STR F/L | <br>TE Part # 1-640643-4<br>14P MTA156 COVER F/T          | <br>TE Part # 58247-1<br>MTA 156 CRIMP HEAD REPAIR DISCRETE | <br>TE Part # 4-644615-4<br>14P MTA156 POL HDR ASSY LF            |
| <br>TE Part # 4-644617-4<br>14P MTA156 HDR ASY PO RA FB LF | <br>TE Part # 1-640385-4<br>14P MTA156 HDR ASSY SQ R/A    | <br>TE Part # 1-643067-4<br>14P MTA156 MOLDED COVER         | <br>TE Part # 58247-3<br>MTA 156 CRIMP HEAD PRODUCTION RBBN CABLE |



TE Part # 1-640389-4  
14P MTA156 HDR ASSY SQ R/A F/L



TE Part # 58074-1  
MTA 50/100/156 MANUAL TOOL FRAME



TE Part # 1-643071-4  
14P MTA156 FD-THRU COVER



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

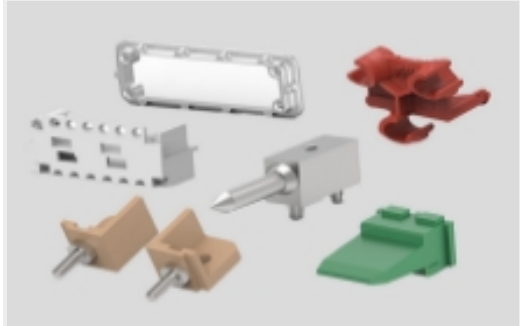
Also in the Series | MTA 156



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



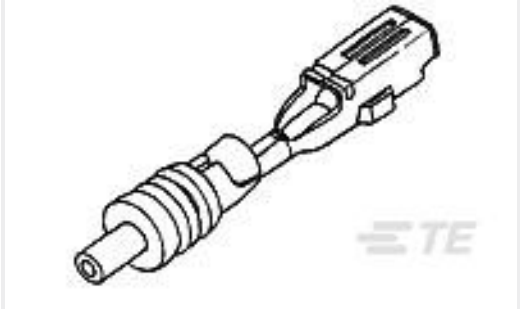
TE Part #9-146254-0  
80 MODII HDR DRST B/A .100CL



TE Part #344270-1  
4 WAY REC.HSG. SIL. SEAL ECONO



TE Part #344276-1  
2 WAY REC HSG. SIL SEAL ECONO



TE Part #345806-1  
ECONO CONTACT REC



TE Part #1-640388-4  
14P MTA156 HDR ASSY RN STR F/L



TE Part #3-640426-8  
08P MTA156 CONN ASSY 18AWG ORA



TE Part #926307-3  
6P UN-MNL AUFN-GEH



TE Part #2-6609129-8  
5EFM4S=F8112



Documents

Product Drawings

14P MTA156 CONN ASSY 18AWG ORA

English

CAD Files

3D PDF

3D

Customer View Model

ENG\_CVM\_CVM\_4-640426-4\_K.2d\_dxf.zip

English

Customer View Model

ENG\_CVM\_CVM\_4-640426-4\_K.3d\_igs.zip

English

Customer View Model

ENG\_CVM\_CVM\_4-640426-4\_K.3d\_stp.zip

English

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Product Specifications

Application Specification

English

Agency Approvals

UL

English