



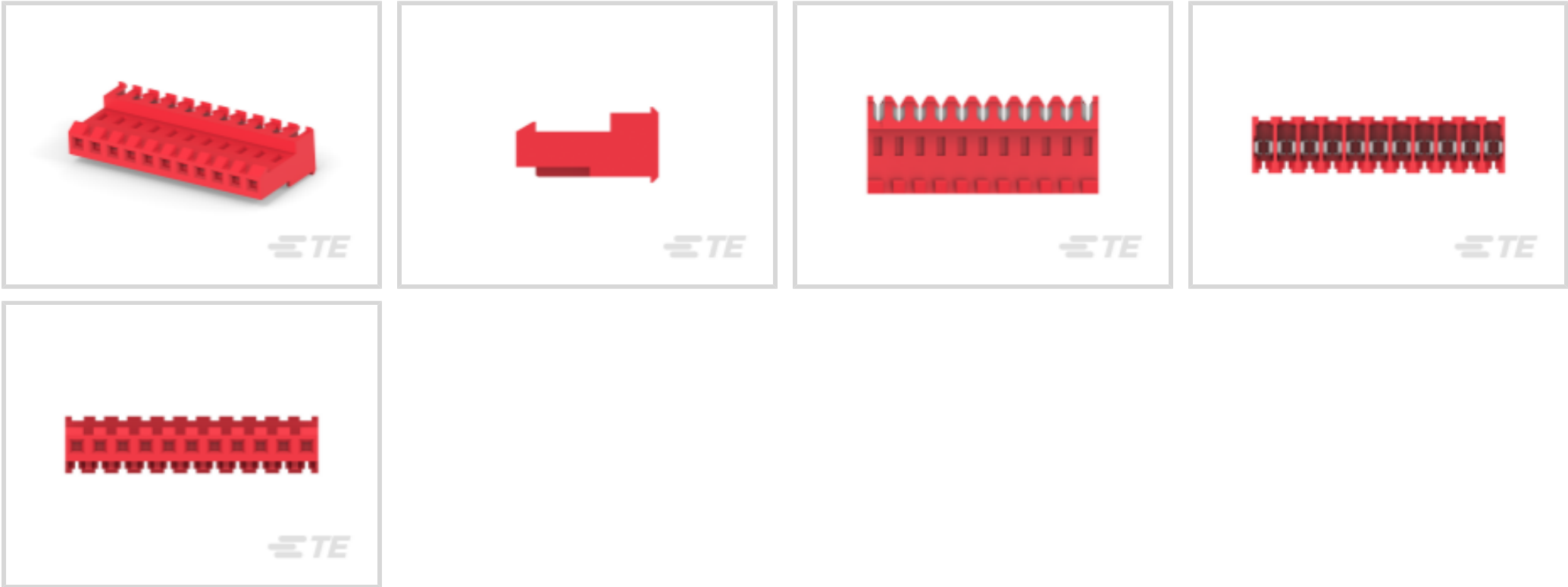
MTA 156

TE Internal #: 4-640601-1

Standard Rectangular Connectors, Connector Assembly,  
Receptacle, Mating Retention, Insulation Displacement (IDC), Wire-  
to-Board, Tin, Normal, MTA 156

[View on TE.com >](#)

Connectors > Rectangular Connectors > Standard Rectangular Connectors



Connector Product Type: **Connector Assembly**

Connector & Housing Type: **Receptacle**

Mating Alignment: **Without**

Mating Retention: **With**

Mating Retention Type: **Locking Ramp**

Features

Product Type Features

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

Configuration Features

|                     |     |
|---------------------|-----|
| Number of Cavities  | 11  |
| Contacts Preloaded  | Yes |
| Number of Positions | 11  |
| Number of Rows      | 1   |

Electrical Characteristics

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



Contact Features

|                                                |            |
|------------------------------------------------|------------|
| Contact Type                                   | Receptacle |
| Wire Contact Termination Area Plating Material | Tin        |
| Contact Underplating Material                  | Nickel     |
| Contact Mating Area Plating Material           | Tin        |
| Contact Retention Within Housing               | With       |
| Contact Current Rating (Max)                   | 7 A        |

Termination Features

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

Mechanical Attachment

|                                       |                            |
|---------------------------------------|----------------------------|
| Contact Retention Type Within Housing | Locking Lance              |
| Mating Alignment                      | Without                    |
| Mating Retention                      | With                       |
| Mating Retention Type                 | Locking Ramp               |
| Connector Mounting Type               | Cable Mount (Free-Hanging) |

Housing Features

|                    |                  |
|--------------------|------------------|
| Housing Material   | Nylon            |
| Housing Color      | Red              |
| Centerline (Pitch) | 3.96 mm[.156 in] |

Dimensions

|                  |                         |
|------------------|-------------------------|
| Connector Height | 18.42 mm[.725 in]       |
| Product Width    | 9.78 mm[.385 in]        |
| Product Length   | 43.59 mm[1.716 in]      |
| Wire Size        | .3 - .4 mm <sup>2</sup> |

Usage Conditions

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

Operation/Application

|                     |        |
|---------------------|--------|
| Shielded            | No     |
| Circuit Application | Signal |

Industry Standards

|            |            |
|------------|------------|
| CSA Rating | LR 7189    |
| UL Rating  | Recognized |



|                                             |           |
|---------------------------------------------|-----------|
| Compatible With Agency/Standards Products   | CSA, UL   |
| Compatible With Approved Standards Products | UL E28476 |
| UL Flammability Rating                      | UL 94V-2  |

Packaging Features

|                    |         |
|--------------------|---------|
| Packaging Quantity | 250     |
| Packaging Method   | Bag/Box |

Product Compliance

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

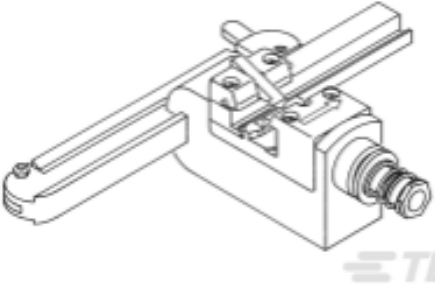
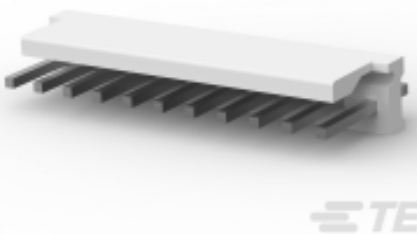
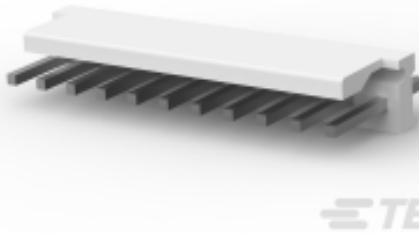
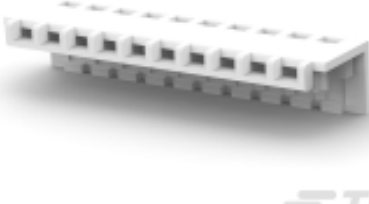
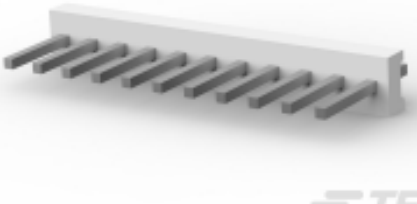
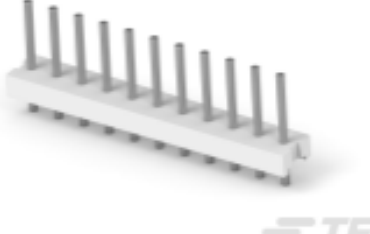
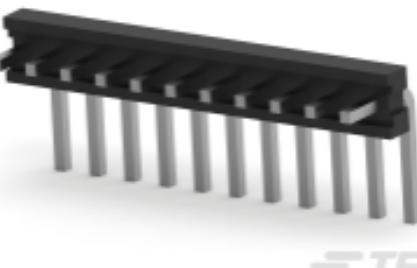
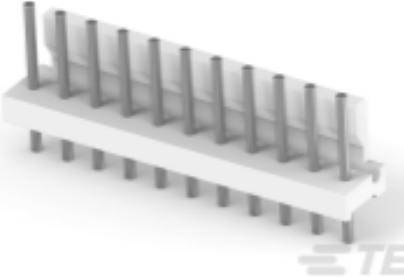
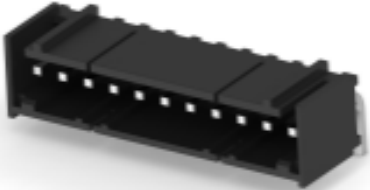
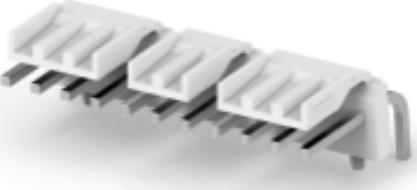
|                                               |                                                                                                                               |
|-----------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------|
| 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: JAN 2024 (240)<br>Candidate List Declared Against: JAN 2024 (240)<br>Does not contain REACH SVHC |
| Halogen Content                               | BFR/CFR/PVC Free, but Br/Cl >900 ppm in other sources.                                                                        |
| 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 # 58443-1<br/>MTA 156 CRIMP HEAD PRODUCTION FEED THRU</p> |  <p>TE Part # 1-640389-1<br/>11P MTA156 HDR ASSY SQ R/A F/L</p> |  <p>TE Part # 1-640445-1<br/>11P MTA156 HDR ASSY FL/STR SN</p>    |
|  <p>TE Part # 1-640388-1<br/>11P MTA156 HDR ASSY RN STR F/L</p>   |  <p>TE Part # 1-644752-1<br/>11P MTA156 HDR ASSY SQ STR F/L</p>       |  <p>TE Part # 4-644615-1<br/>11P MTA156 POL HDR ASSY LF</p>     |  <p>TE Part # 1-643071-1<br/>11P MTA156 FD-THRU COVER</p>         |
|  <p>TE Part # 1-640643-1<br/>11P MTA156 COVER F/T</p>           |  <p>TE Part # 59804-1<br/>MAINTENANCE TOOL</p>                      |  <p>TE Part # 1-643067-1<br/>11P MTA156 MOLDED COVER</p>      |  <p>TE Part # 1-640383-1<br/>11P MTA156 HDR ASSY STR SQ SN</p>  |
|  <p>TE Part # 1-640551-1<br/>11P MTA156 COVER</p>               |  <p>TE Part # 1-640384-1<br/>11P MTA156 HDR ASSY STR RND SN</p>     |  <p>TE Part # 1-640385-1<br/>11P MTA156 HDR ASSY SQ R/A</p>   |  <p>TE Part # 1-644751-1<br/>11P MTA156 HDR ASSY R/A</p>        |
|  <p>TE Part # 1-644753-1<br/>11P MTA156 HDR ASSY RN STR F/L</p> |  <p>TE Part # 3-647123-1<br/>11P MTA156 SHRD HDR ASSY SQ SN</p>    |  <p>TE Part # 3-647125-1<br/>11P MTA156 SHRD HDR ASSY LF</p>  |  <p>TE Part # 4-644617-1<br/>11P MTA156 HDR ASY PO RA FB LF</p> |

Also in the Series | [MTA 156](#)



Connector Caps & Covers(89)



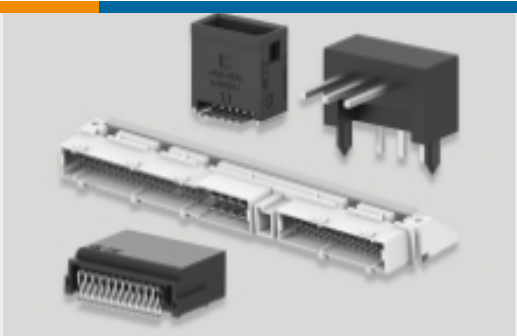
Connector Contacts(4)



Connector Hardware(2)



Insertion & Extraction Tools(1)



PCB Headers & Receptacles(314)



Rectangular Power Connectors(691)



Standard Rectangular Connectors(336)

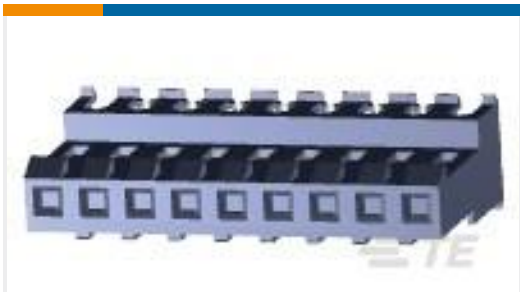
Customers Also Bought



TE Part # 4-640441-1  
11P MTA100 CONN ASSY WHT



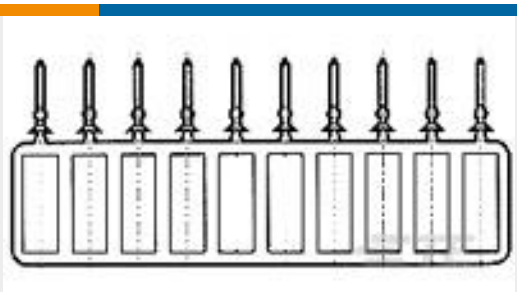
TE Part # 350214-1  
16P CMNL HDR ASSY PC NATL



TE Part # 3-640599-9  
09P MTA156 CONN ASSY 18AWG ORA



TE Part # 1-1571983-1  
GDH08STR04=DIP SWITCH



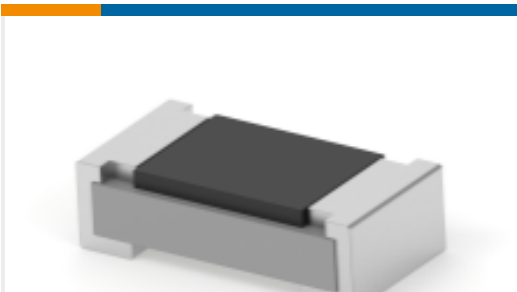
TE Part # 641623-1  
MTA156 KEYING PLUG (10/STRIP)



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



TE Part # 1-1393249-4  
W58-XB1A4A-3=W58



TE Part # 5-2176237-1  
CPF A 0603 33K 0.1% 25PPM 5K RL



TE Part # 59804-1  
MAINTENANCE TOOL

Documents



Product Drawings

11P MTA156 CONN ASSY 22AWG LF

English

CAD Files

3D PDF

3D

Customer View Model

ENG\_CVM\_CVM\_4-640601-1\_R.2d\_dxf.zip

English

Customer View Model

ENG\_CVM\_CVM\_4-640601-1\_R.3d\_igs.zip

English

Customer View Model

ENG\_CVM\_CVM\_4-640601-1\_R.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

Agency Approvals

Agency Approval Document

English