



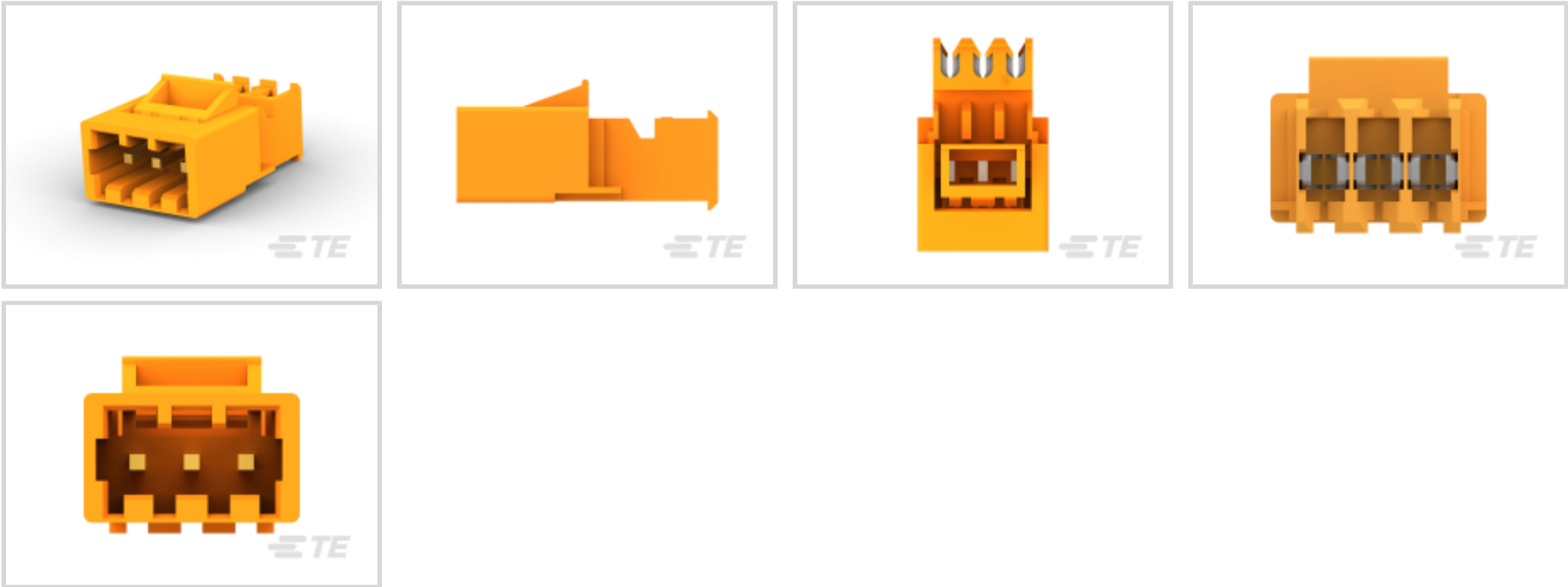
MTA 156

TE Internal #: 3-644812-3

Standard Rectangular Connectors, Connector Assembly, Plug, Mating Alignment, Polarization Mating Alignment Type, Mating Retention, MTA 156

[View on TE.com >](#)

Connectors > Rectangular Connectors > Standard Rectangular Connectors



Connector Product Type: **Connector Assembly**
Connector & Housing Type: **Plug**
Mating Alignment: **With**
Mating Alignment Type: **Polarization**
Mating Retention: **With**

Features

Product Type Features

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

Configuration Features

| | |
|---------------------|-----|
| Number of Cavities | 3 |
| Contacts Preloaded | Yes |
| Number of Positions | 3 |
| Number of Rows | 1 |

Electrical Characteristics

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



Contact Features

| | |
|--|--|
| Contact Type | Tab |
| Wire Contact Termination Area Plating Material | Tin |
| Contact Underplating Material | Nickel |
| Contact Mating Area Plating Material | Gold, 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

| | |
|---------------------------------------|----------------------------|
| Contact Retention Type Within Housing | Locking Lance |
| Mating Alignment | With |
| Mating Alignment Type | Polarization |
| Mating Retention | With |
| Mating Retention Type | Latch |
| Connector Mounting Type | Cable Mount (Free-Hanging) |

Housing Features

| | |
|--------------------|------------------|
| Housing Material | Nylon 6/6 |
| Housing Color | Orange |
| Centerline (Pitch) | 3.96 mm[.156 in] |

Dimensions

| | |
|------------------|-------------------------|
| Connector Height | 12.37 mm[.487 in] |
| Product Width | 25.65 mm[1.01 in] |
| Product Length | 15.85 mm[.624 in] |
| Wire Size | .8 – .9 mm ² |

Usage Conditions

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

Operation/Application

| | |
|---------------------|-------|
| Shielded | No |
| Circuit Application | Power |

Industry Standards

| | |
|------------|---------|
| CSA Rating | LR 7189 |
|------------|---------|



| | |
|------------------------|------------|
| UL Rating | Recognized |
| Agency/Standard | CSA, UL |
| Approved Standards | UL E28476 |
| UL Flammability Rating | UL 94V-2 |

Packaging Features

| | |
|--------------------|------|
| Packaging Quantity | 2000 |
| Packaging Method | Tape |

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) Candidate List Declared Against: JUNE 2023 (235) 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



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



TE Part # 643071-3
03P MTA156 FD-THRU COVER



TE Part # 640551-3
03P MTA156 COVER



TE Part # 643067-3
03P MTA156 MOLDED COVER



TE Part # 3-641217-3
03P MTA156 CONN ASSY 18AWG ORA



TE Part # 640643-3
03P MTA156 COVER F/T



TE Part # 3-641219-3
03P MTA156 CONN ASSY 22AWG RED



TE Part # 3-641218-3
03P MTA156 CONN ASSY 20AWG LF



TE Part # 3-641220-3
03P MTA156 CONN ASSY 24AWG LF



TE Part # 3-641227-3
03P MTA156 CONN ASSY 18AWG LF



TE Part # 3-641229-3
03P MTA156 CONN ASSY 22AWG LF




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



TE Part # 58576-1
MTA 156 PNEUMATIC TOOL FOR BOARD FIXTURE


Also in the Series | **MTA 156**



Insertion & Extraction Tools(1)



PCB Connector Covers(88)



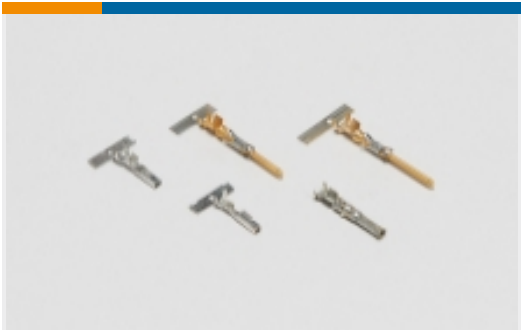
PCB Connector Keying(2)



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 #1-770849-2
12P SL156 HSG W/LCK RMP & TABS



TE Part #1658539-1
PIN CONT DUPL PLT STRIP HD-20



TE Part #3-641237-3
03P MTA100 CONN ASSY RED 30AU



TE Part #3-640433-5
05P MTA156 CONN ASSY 22AWG RED



TE Part #3-643819-6
06P MTA156 CONN ASSY 22AWG RED



TE Part #41727
250 FASTON REC 16-12 AWG BR



TE Part #4-644040-2
12P MTA100 CONN ASSY POL LF



TE Part #794012-1
02P CMNL CAP HSG W/POS LOCK



TE Part #4-640428-2
12P MTA156 CONN ASSY 22AWG RED



TE Part #3-644467-2
02P MTA156 CONN ASSY 22AWG LF

Documents



Product Drawings

03P MTA156 PSTD CONN 18AWG LF

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_3-644812-3_H.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_3-644812-3_H.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_3-644812-3_H.3d_stp.zip

English

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Product Specifications

Application Specification

English

Agency Approvals

CSA Certificate

English