# 3-644460-9 ✔ ACTIVE

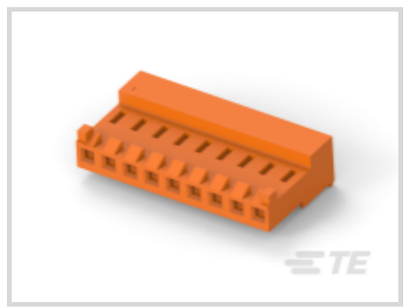
MTA 156

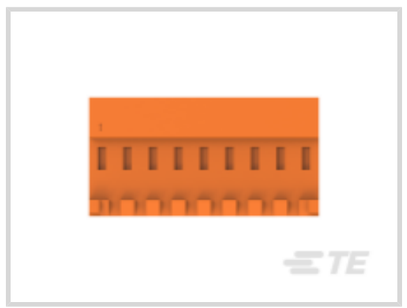
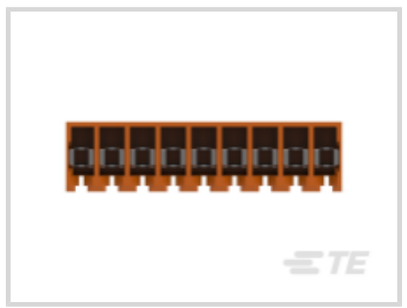
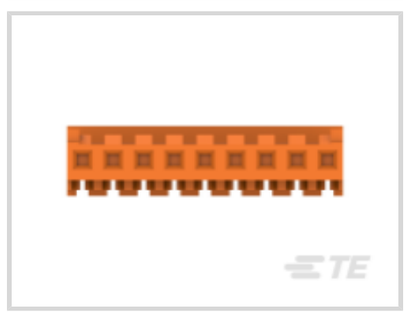
TE Internal #: 3-644460-9

Standard Rectangular Connectors, Connector Assembly, Receptacle, 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: **Receptacle**

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 | Receptacle |
| Connector System | Wire-to-Board |
| Sealable | No |
| Connector & Contact Terminates To | Wire & Cable |

### Configuration Features

| | |
|---|---|
| Number of Cavities | 9 |
| Contacts Preloaded | Yes |
| Number of Positions | 9 |
| 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 | 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 | Locking Ramp |
| Connector Mounting Type | Cable Mount (Free-Hanging) |

## Housing Features

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

## Dimensions

| | |
|---|---|
| Connector Height | 18.42 mm[.725 in] |
| Product Width | 9.02 mm[.355 in] |
| Product Length | 35.66 mm[1.404 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 | 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: 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



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



TE Part # 59804-1
MAINTENANCE TOOL



TE Part # 3-641210-9
09P MTA156 HDR FLRA FB 30AU LF



TE Part # 640643-9
09P MTA156 COVER F/T



TE Part # 640551-9
09P MTA156 COVER



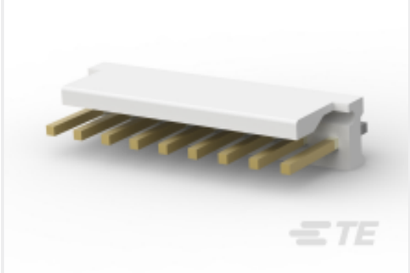
TE Part # 643067-9
09P MTA156 MOLDED COVER



TE Part # 643071-9
09P MTA156 FD-THRU COVER



TE Part # 58247-1
MTA 156 CRIMP HEAD REPAIR DISCRETE



TE Part # 3-641208-9
09P MTA156 HDR ASSY FL ST LF



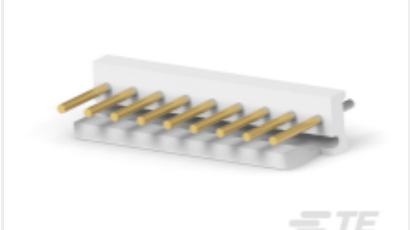
TE Part # 58247-3
MTA 156 CRIMP HEAD PRODUCTION RBBN CABLE



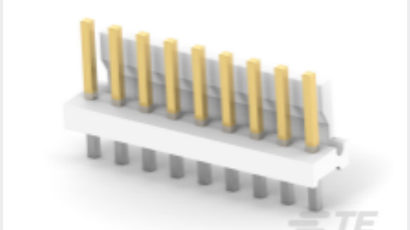
TE Part # 641936-6
09P MTA156 HDR ASSY F/L W/O#8



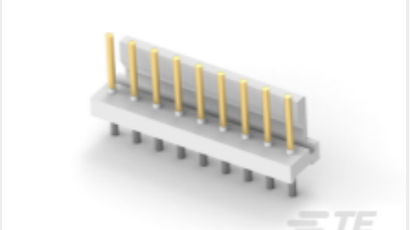
TE Part # 3-641202-9
09P MTA156 HDR ASSY PL 30AU LF



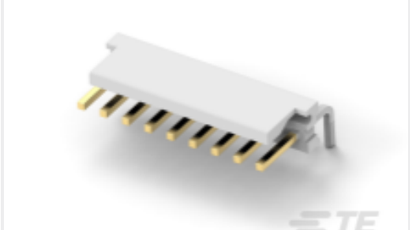
TE Part # 3-641209-9
09P MTA156 HDR ASSY FL ST LF



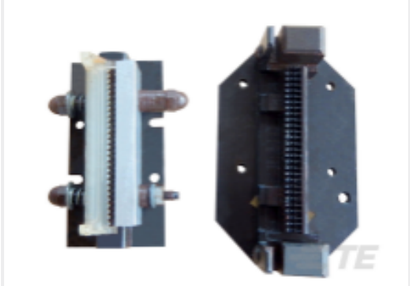
TE Part # 3-644759-9
09P MTA156 HDR ASSY STR LF



TE Part # 3-644760-9
09P MTA156 HDR ASSY FL ST LF



TE Part # 3-644761-9
09P MTA156 HDR ASSY R/A F/L LF



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



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



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

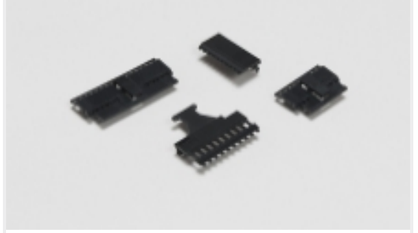


TE Part # 641936-1
09P MTA156 HDR SQ STR SN SPCL

## Also in the Series | MTA 156



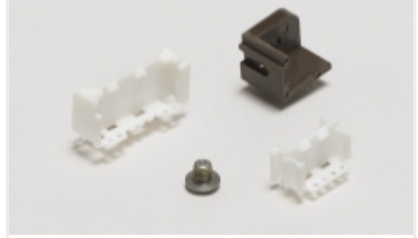
Insertion & Extraction Tools(1)



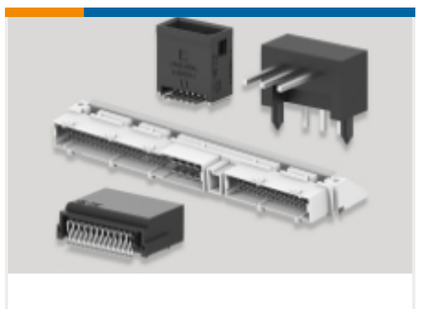
PCB Connector Covers(88)



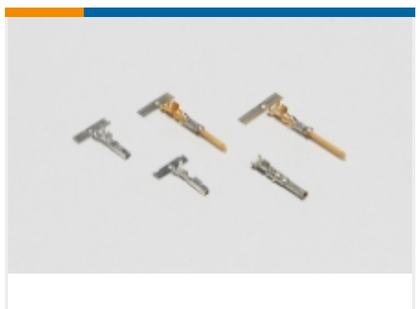
PCB Connector Keying(2)



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 #206070-8
CABLE CLAMP KIT #17



TE Part #DT04-2P
REC, 2P, GRY, N



TE Part #DT06-2S
PLG, 2P, GRY, N



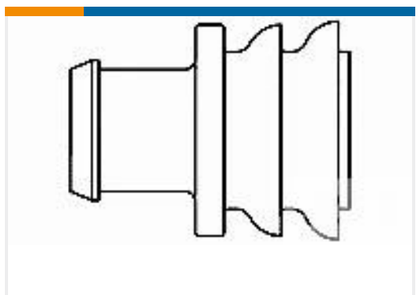
TE Part #W2S
Wedgelocks: DEUTSCH DT



TE Part #0462-201-16141
DEUTSCH Solid Contacts



TE Part #282104-1
AMP SUPERSEAL 1.5MM, CONNECTOR HOUSING



TE Part #281934-2
SINGLE WIRE SEAL

## Documents

## Product Drawings

09P MTA156 CONN ASSY 18AWG ORA

English

## CAD Files

3D PDF

3D

### Customer View Model

ENG_CVM_CVM_3-644460-9_N.2d_dxf.zip

English

### Customer View Model

ENG_CVM_CVM_3-644460-9_N.3d_igs.zip

English

### Customer View Model

ENG_CVM_CVM_3-644460-9_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

## Product Environmental Compliance

TE Material Declaration

English