



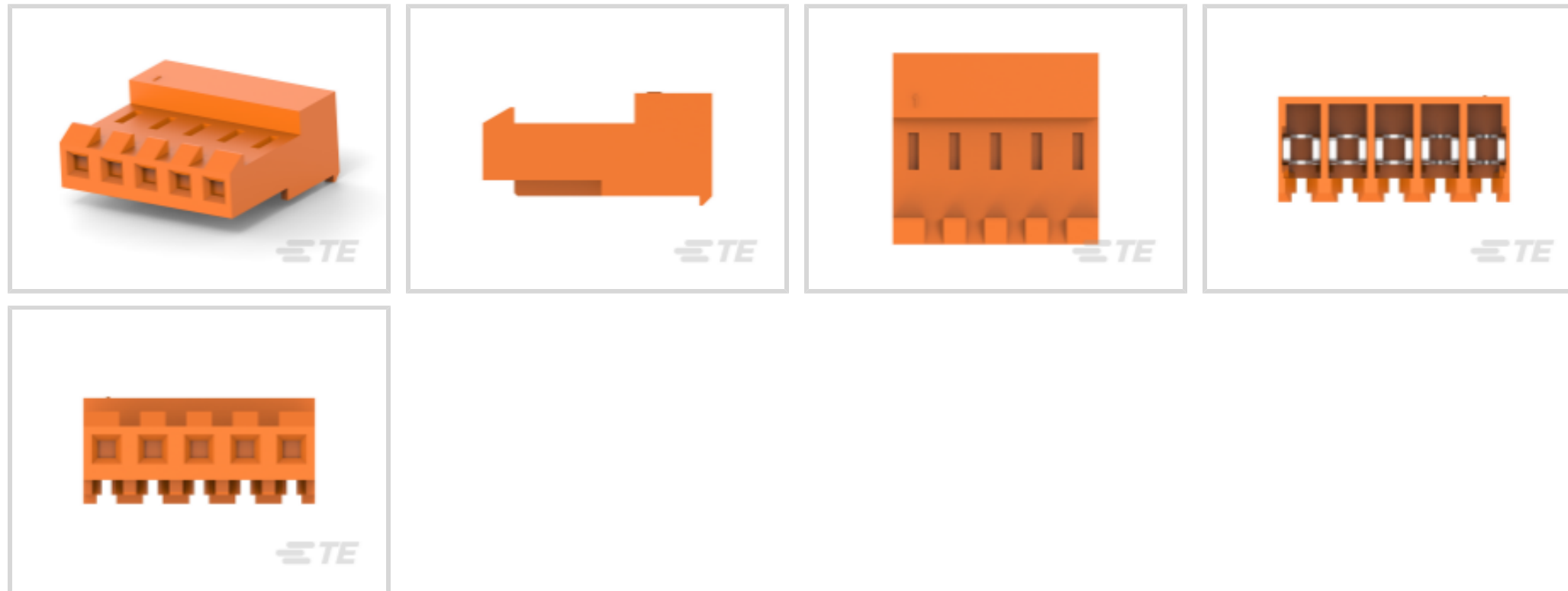
MTA 156

TE Internal #: 3-641148-5

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

[View on TE.com >](#)

Connectors > Rectangular Connectors > Standard Rectangular Connectors



Connector Product Type: **Connector Assembly**  
 Connector & Housing Type: **Receptacle**  
 Mating Alignment: **Without**  
 Mating Retention: **Without**  
 Termination Method to Wire & Cable: **Insulation Displacement (IDC)**

**Features**

**Body Features**

Primary Product Color	Orange
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**Packaging Features**

Packaging Quantity	250
Packaging Method	Bag/Box

**Dimensions**

Connector Width	9.02 mm[.355 in]
Connector Height	18.42 mm[.725 in]
Wire Size	18 AWG
Connector Length	19.81 mm[.78 in]

**Housing Features**

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

**Configuration Features**

Number of Cavities	6
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Contacts Preloaded	Yes
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Number of Positions	6
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Number of Rows	1
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### Industry Standards

Compatible With Agency/Standards Products	UL, CSA
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UL Rating	Recognized
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Compatible With Approved Standards Products	UL E28476
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CSA Rating	LR 7189
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UL Flammability Rating	UL 94V-2
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### Contact Features

Contact Underplating Material	Nickel
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Wire Contact Termination Area Plating Material	Tin
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Contact Type	Receptacle
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Contact Mating Area Plating Material	Gold Flash over Palladium Nickel, Gold
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Contact Retention Within Housing	With
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Contact Current Rating (Max)	7 A
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### Mechanical Attachment

Contact Retention Type Within Housing	Locking Lance
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Mating Alignment	Without
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Mating Retention	Without
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Connector Mounting Type	Cable Mount (Free-Hanging)
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### Product Type Features

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

Termination Method to Wire & Cable	Insulation Displacement (IDC)
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### Electrical Characteristics



Operating Voltage	600 VAC
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### Usage Conditions

Operating Temperature Range	-55 – 105 °C[-67 – 221 °F]
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### Operation/Application

Shielded	No
Circuit Application	Power

### Other

EU RoHS Compliance	Compliant
EU ELV Compliance	Compliant

## 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 2024 (241) Candidate List Declared Against: JAN 2023 (233) 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>

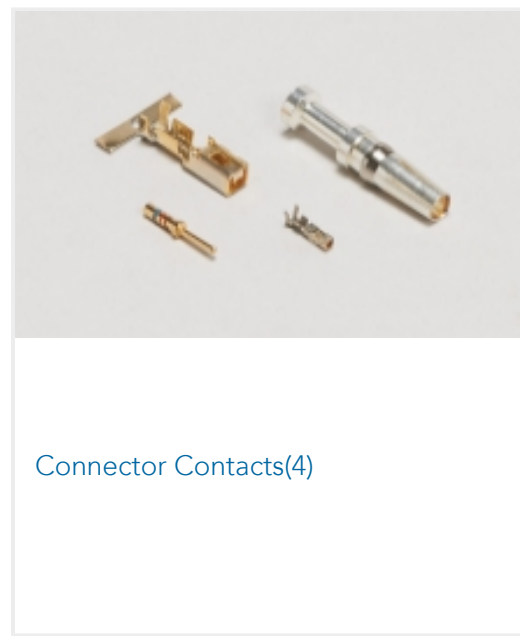
## Compatible Parts



Also in the Series | **MTA 156**



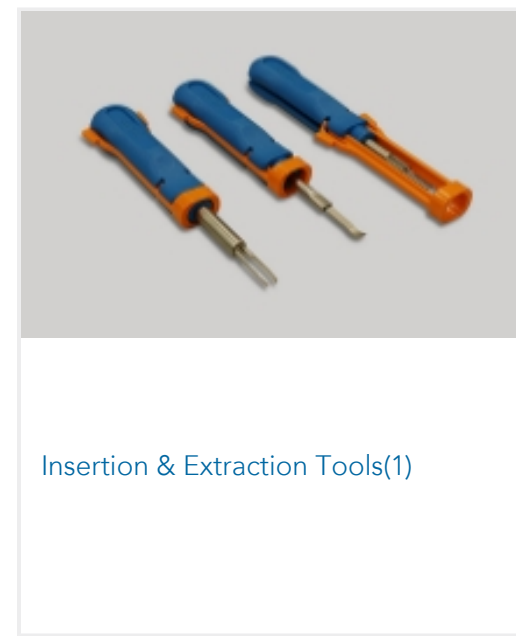
Connector Caps & Covers(89)



Connector Contacts(4)



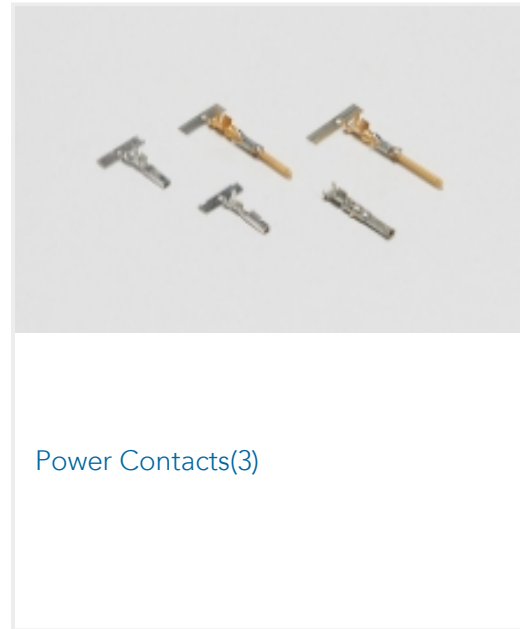
Connector Hardware(2)



Insertion & Extraction Tools(1)



PCB Headers & Receptacles(677)



Power Contacts(3)



Rectangular Power Connectors(331)



Wire-to-Board Headers & Receptacles (677)

## Customers Also Bought



TE Part #CAT-AM71-CH8172  
AMP SUPERSEAL 1.5MM,  
CONNECTOR HOUSING



TE Part #114017-ZZ  
SEALING PLUG, SIZE 12/16, WHT



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



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



TE Part #CAT-D487-W416  
Wedgelocks: DEUTSCH DT



TE Part #CAT-D48-ST273  
DEUTSCH Solid Contacts



TE Part #281934-2  
SINGLE WIRE SEAL

## Documents

### Product Drawings

05P MTA156 ASSY 18AWG ORA LF

English

### CAD Files

3D PDF

3D

Customer View Model

ENG\_CVM\_CVM\_3-641148-5\_S.2d\_dxf.zip



English

Customer View Model

[ENG\\_CVM\\_CVM\\_3-641148-5\\_S.3d\\_igs.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_3-641148-5\\_S.3d\\_stp.zip](#)

English

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

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### 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

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### Agency Approvals

[Agency Approval Document](#)

English