

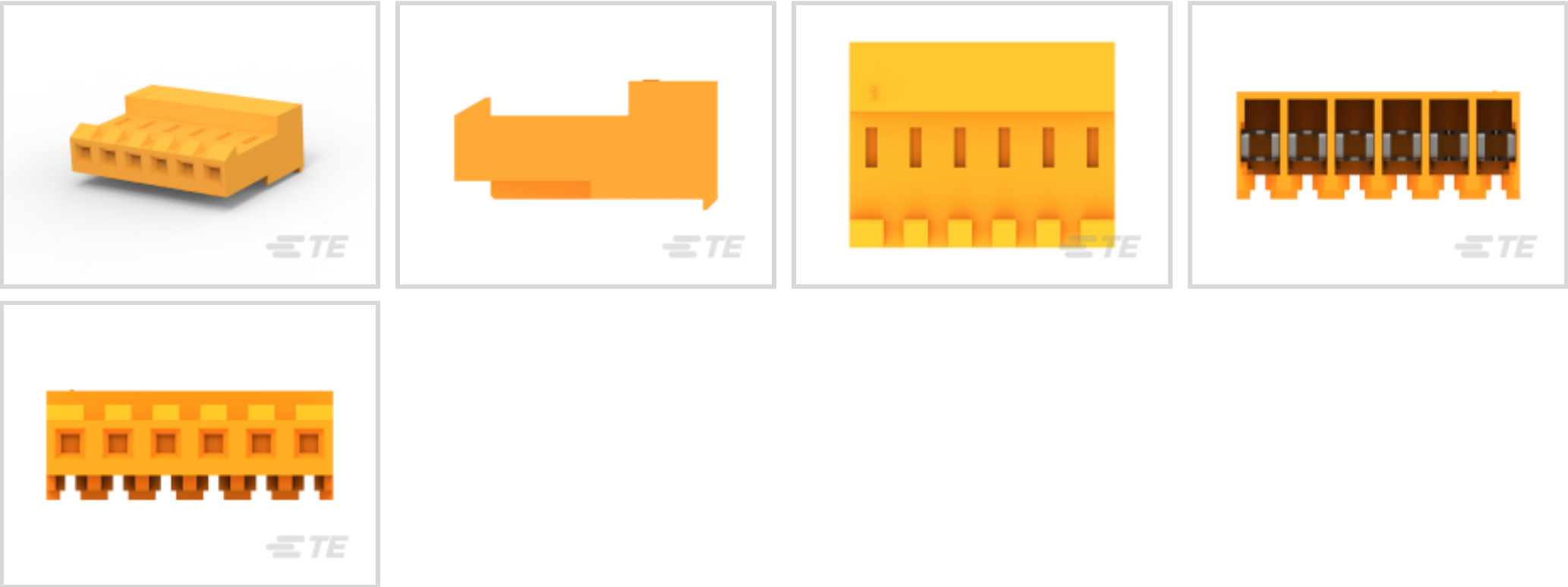


MTA 156

TE Internal #: 3-641148-6
6 Position, Receptacle, Connector Assembly, Insulation
Displacement (IDC), Wire-to-Board, Gold (Au) / Gold Flash over
Palladium Nickel, 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	6
Number of Rows	1
Number of Power Positions	6
Number of Signal Positions	0

Electrical Characteristics

Operating Voltage	600 VAC
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Body Features



Primary Product Color	Orange
Cable Exit Angle	90°

Contact Features

Contact Underplating Material	Nickel
Contact Underplating Material Thickness	1.27 – 1.77 µm[1.27 – 1.77 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	Gold (Au), Gold Flash over Palladium Nickel
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	.76 µm[30 µin]

Termination Features

Termination Method to Wire & Cable	Insulation Displacement (IDC)
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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	23.77 mm[.936 in]



Wire Size .8 – .9 mm²

Usage Conditions

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

Operation/Application

Circuit Application Power & Signal

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 250

Packaging Method Bag

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)
Candidate List Declared Against: JUNE 2025 (250)
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

 TE Part # 3-643995-6 06P MTA156 PST CONN ASSY LF	 TE Part # 643067-6 06P MTA156 MOLDED COVER	 TE Part # 58247-2 MTA 156 CRIMP HEAD PRODUCTION DISCRETE	 TE Part # 3-644766-6 06P MTA156 HDR ASSY STR SQ LF
 TE Part # 3-647476-6 06P MTA156 PSTD CONN 18AWG LF	 TE Part # 59804-1 MAINTENANCE TOOL	 TE Part # 3-641119-6 06P MTA156 HDR ASSY FL/ST LF	 TE Part # 3-641120-6 06P MTA156 HDR ASSY FL/ST LF
 TE Part # 3-644767-6 06P MTA156 HDR ASSY FL ST LF	 TE Part # 641119-6 06P MTA156 HDR ASSY FL/ST 15AU	 TE Part # 58247-3 MTA 156 CRIMP HEAD PRODUCTION RBBN CABLE	 TE Part # 58074-1 MTA 50/100/156 MANUAL TOOL FRAME
 TE Part # 641318-3 06CIR MTA156 R/A HDR ASY W/O#3	 TE Part # 3-641121-6 06P MTA156 HDR ASSY FL/RA LF	 TE Part # 3-644768-6 06P MTA156 HDR ASSY F/L SQ LF	 TE Part # 640643-6 06P MTA156 COVER F/T



TE Part # 643071-6
06P MTA156 FD-THRU COVER



TE Part # 640551-6
06P MTA156 COVER



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

Also in the Series | MTA 156



Connector Caps & Covers(89)



Connector Contacts(4)



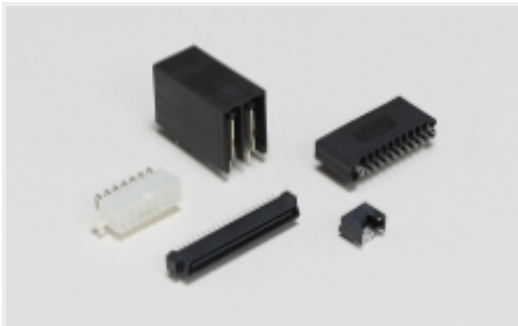
Connector Hardware(2)



Power Contacts(3)



Rectangular Power Connectors(1178)



Standard Rectangular Connectors(667)



Wire-to-Board Connector Assemblies
& Housings(594)

Customers Also Bought



TE Part #802738-SF
FN9233R-15-06HI



TE Part #CAT-104MTA-NYLCC
Nylon PCB Connector Covers: 2.54
mm, MTA 100



TE Part #3-1393143-2
27E305=SOCKET,KU,11,PCB,NYL,N



TE Part #1-1393203-1
V23148-A0007-A101



TE Part #CAT-SCH691-SR1B
Force Guided Relay with 6 contacts



TE Part #2-1415012-1
V23047-A1110-A511



TE Part #9-1415536-4
PT381024



TE Part #1-1571076-0
PRASA1-16F-BB0BW=POWER
ROCKER



Documents

Product Drawings

06P MTA156 ASSY 18AWG ORA LF

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_3-641148-6_S.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_3-641148-6_S.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_3-641148-6_S.3d_stp.zip

English

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

Product Specifications

Application Specification

English

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