

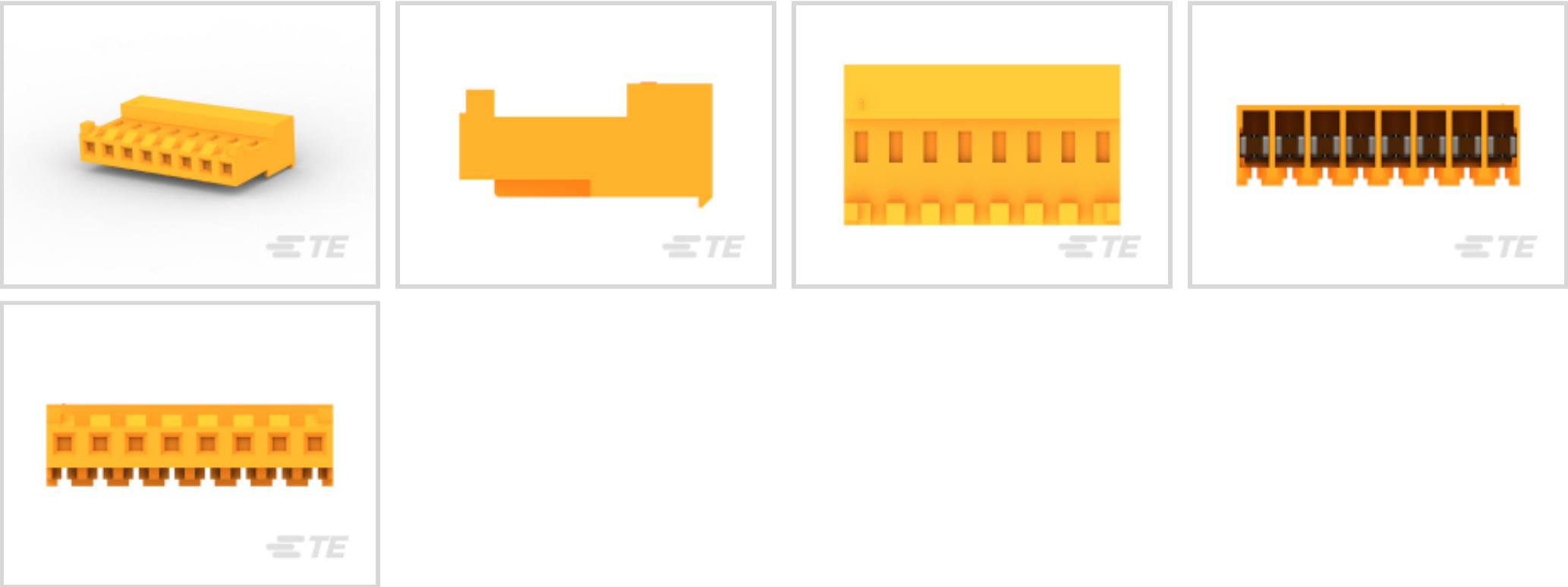


MTA 156

TE Internal #: 3-644284-8
8 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: **With**
Mating Alignment Type: **Polarizing Tab**
Connector & Housing Type: **Receptacle**
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
Sealable	No
Connector & Contact Terminates To	Wire & Cable

Configuration Features

Number of Positions	8
Number of Rows	1
Number of Power Positions	8

Electrical Characteristics

Operating Voltage	600 VAC
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Body Features

Primary Product Color	Orange
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Cable Exit Angle	90°
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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	.76 µm[30 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	3 µm, 30 µm[.08 µin][.76 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	With
Mating Alignment Type	Polarizing Tab
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	31.7 mm[1.248 in]



Wire Size .8 – .9 mm²

Usage Conditions

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

Operation/Application

Circuit Application Power

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 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 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

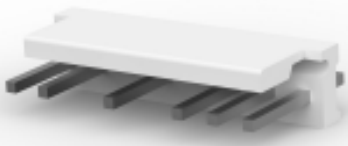
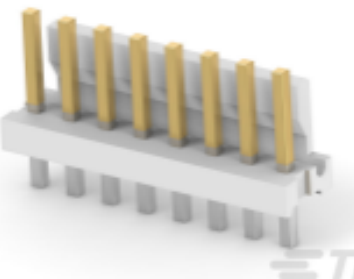
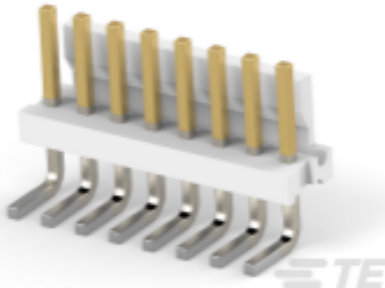
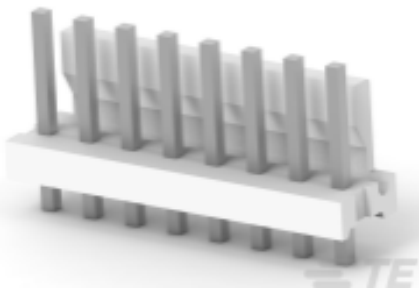
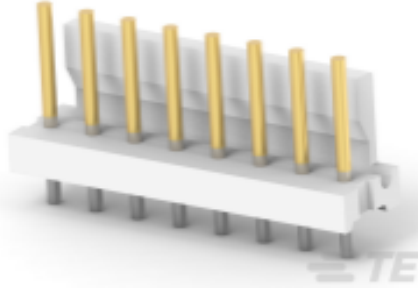
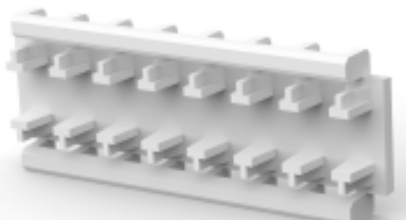
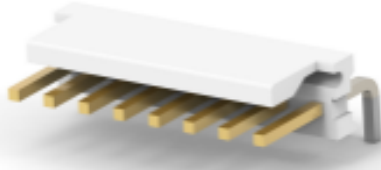
Product Compliance Disclaimer

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 # 641938-6 08P MTA156 HDR W/O#3 .045 RD	 TE Part # 59804-1 MAINTENANCE TOOL	 TE Part # 641922-3 08P MTA156 HDR ASSY STR W/O#2	 TE Part # 641922-6 08P MTA156 HDR ASSY W/O#4,6
 TE Part # 3-644766-8 08P MTA156 HDR ASSY STR SQ LF	 TE Part # 3-644768-8 08P MTA156 HDR ASSY F/L SQ LF	 TE Part # 58247-2 MTA 156 CRIMP HEAD PRODUCTION DISCRETE	 TE Part # 641119-8 08P MTA156 HDR ASSY FL/ST 15AU
 TE Part # 58247-3 MTA 156 CRIMP HEAD PRODUCTION RBBN CABLE	 TE Part # 3-641120-8 08P MTA156 HDR ASSY FL/ST LF	 TE Part # 643071-8 08P MTA156 FD-THRU COVER	 TE Part # 640551-8 08P MTA156 COVER
 TE Part # 58074-1 MTA 50/100/156 MANUAL TOOL FRAME	 TE Part # 641922-1 08P MTA156 HDR ASSY STR W/O#4	 TE Part # 643067-8 08P MTA156 MOLDED COVER	 TE Part # 3-641121-8 08P MTA156 HDR ASSY FL/RA LF



TE Part # 641922-2
08P MTA156 HDR ASSY STR W/O#3



TE Part # 640643-8
08P MTA156 COVER F/T



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



TE Part # 3-641119-8
08P MTA156 HDR ASSY FL/ST LF

Also in the Series | MTA 156



Connector Caps & Covers(89)



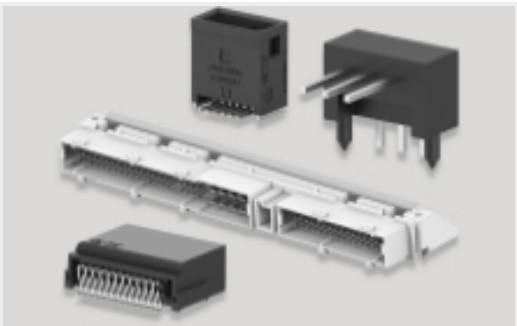
Connector Contacts(4)



Connector Hardware(2)



Insertion & Extraction Tools(1)



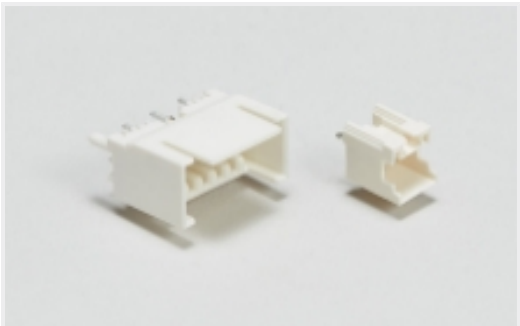
PCB Headers & Receptacles(677)



Power Contacts(3)

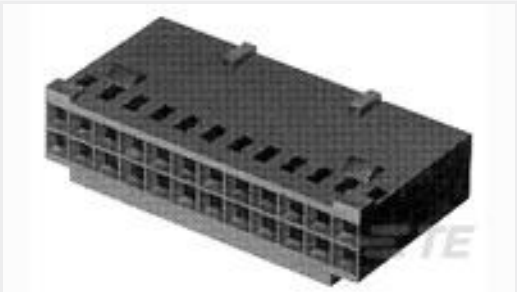


Rectangular Power Connectors(1178)



Wire-to-Board Headers & Receptacles (677)

Customers Also Bought



TE Part #1-87146-4
40 MODIV HSG COMP DR .150CL



TE Part #3-641120-5
05P MTA156 HDR ASSY FL/ST LF



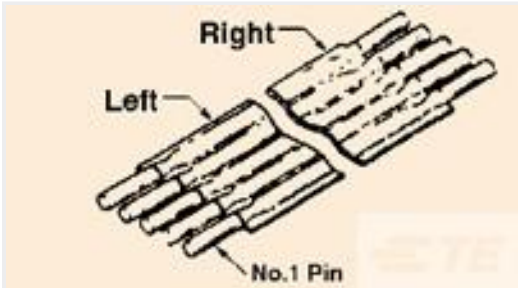
TE Part #3-641120-6
06P MTA156 HDR ASSY FL/ST LF



TE Part #3-641120-8
08P MTA156 HDR ASSY FL/ST LF



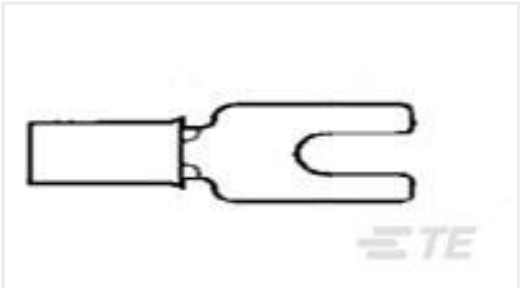
TE Part #3-647478-4
04P MTA156 ASSY 22AWG RED LF



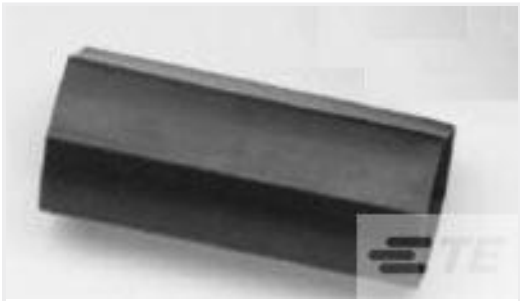
TE Part #5-1437185-9
FST-21.75A-14



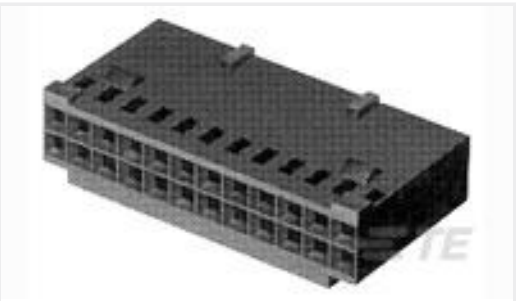
TE Part #4-1437195-9
FST-22.5A



TE Part #31706
TERMINAL,BUDG SPD 16-14 10



TE Part #CB5113-000
[HRHF-125FR-6/97](#)



TE Part #1-87147-4
[40 MODIV HSG DR MRKD .150CL](#)

Documents

Product Drawings

[08P MTA156 ASSY 18AWG ORA LF](#)

English

CAD Files

[3D PDF](#)

3D

Customer View Model

[ENG_CVM_CVM_3-644284-8_J.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_3-644284-8_J.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_3-644284-8_J.3d_stp.zip](#)

English

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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