



MTA 156

TE Internal #: 3-644860-3

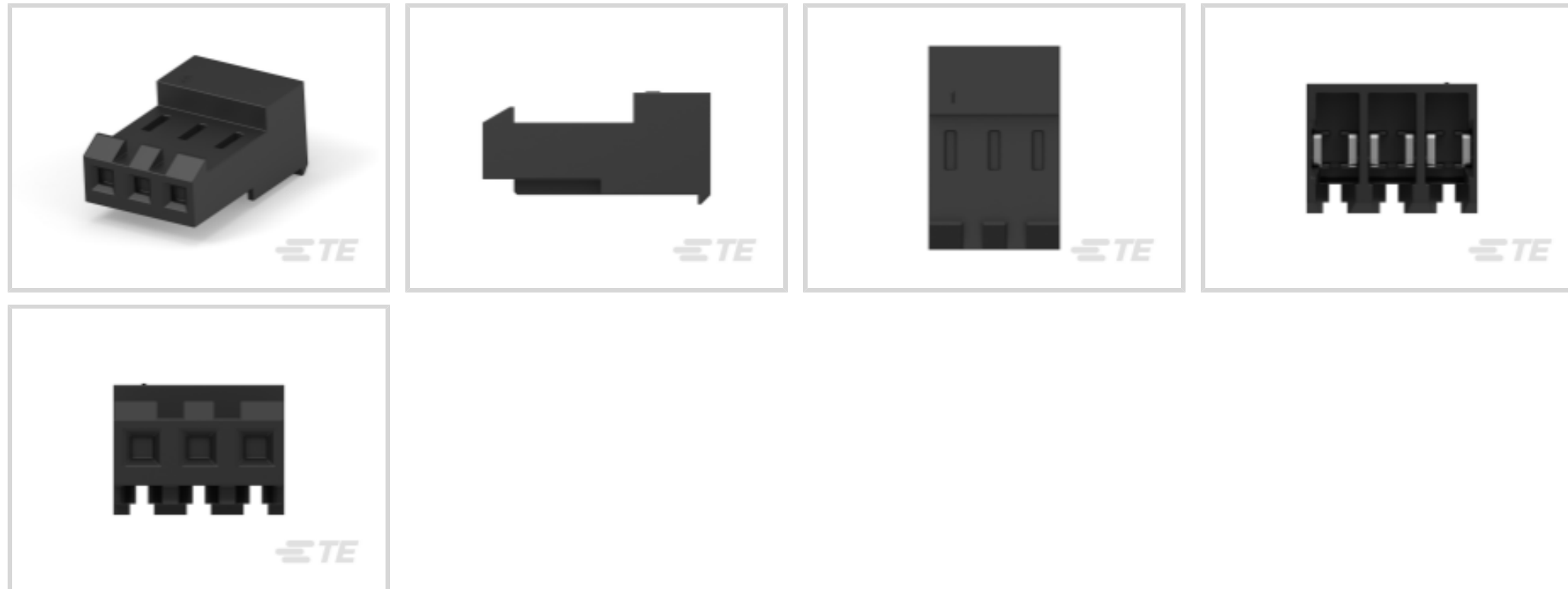
3 Position, Receptacle, Connector Assembly, Insulation

Displacement (IDC), Wire-to-Board, Tin (Sn), UL 94V-0, 3.96 mm [.

156 in] Centerline, 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 Cavities	3
Contacts Preloaded	Yes
Number of Positions	3
Number of Rows	1

Electrical Characteristics

Operating Voltage	600 VAC
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Body Features



Primary Product Color	Black
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Contact Features

Contact Underplating Material	Nickel
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Contact Mating Area Plating Material	Tin (Sn)
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Contact Retention Within Housing	With
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Contact Current Rating (Max)	7 A
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Contact Type	Receptacle
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Wire Contact Termination Area Plating Material	Tin
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Termination Features

Termination Method to Wire & Cable	Insulation Displacement (IDC)
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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 Type	Locking Ramp
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Mating Retention	With
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Connector Mounting Type	Cable Mount (Free-Hanging)
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Housing Features

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

Connector Width	9.02 mm [.355 in]
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Connector Height	18.42 mm [.725 in]
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Connector Length	11.89 mm [.468 in]
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Wire Size	.8 – .9 mm ²
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Usage Conditions

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

Shielded	No
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Circuit Application	Power
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Industry Standards

Compatible With Agency/Standards Products	CSA, UL
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UL Rating	Recognized
Compatible With Approved Standards Products	UL E28476
CSA Rating	LR 7189
UL Flammability Rating	UL 94V-0

Packaging Features

Packaging Quantity	500
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	有害物质含量符合标准要求 No Restricted Substance(s) 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 # 3-641435-3
03P MTA156 CONN ASSY ORNG



TE Part # 3-644611-3
03P MTA156 HDR POL WO PEGS LF



TE Part # 3-641524-3
03P MTA156 PSTD CONN ASSY LF



TE Part # 3-641439-3
03P MTA156 PST CON ASSY LF



TE Part # 3-641437-3
03P MTA156 PSTD CONN ASSY RED



TE Part # 3-641436-3
03P MTA156 PST CONN ASSY LF



TE Part # 2-647123-3
03P MTA156 SHRD HDR ASSY SQ SN



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



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



TE Part # 640384-3
03P MTA156 HDR ASSY STR RND SN



TE Part # 2-647125-3
03P MTA156 SHRD HDR ASSY LF



TE Part # 3-641522-3
03P MTA156 PSTD CONN ASSY ORNG



TE Part # 3-644617-3
03P MTA156 HDR ASSY PO RA FB LF



TE Part # 3-644613-3
03P MTA156 HDR RA PO WO PEG LF



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



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



TE Part # 641937-3
03P MTA156 HDR ASSY SQ W/O#1



TE Part # 644751-3
03P MTA156 HDR ASSY R/A



TE Part # 643067-3
03P MTA156 MOLDED COVER



TE Part # 640383-3
03P MTA156 HDR ASSY STR SQ SN

Also in the Series | **MTA 156**



Connector Contacts(4)



Connector Hardware(2)



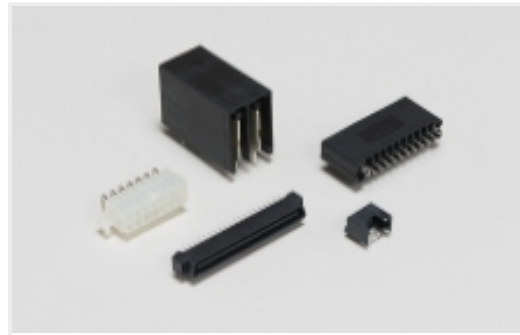
PCB Headers & Receptacles(677)



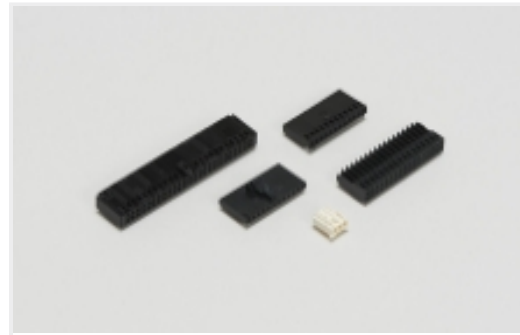
Power Contacts(3)



Rectangular Power Connectors(1178)



Standard Rectangular Connectors(667)



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

Customers Also Bought



TE Part #31425
TERMINAL,BUDG R 26-22 2



TE Part #34104
SOLIS R 22-16 COMM 22-18 MIL 4



TE Part #58546-1
PC 22-10 SOLISSPICE SPL I SHT



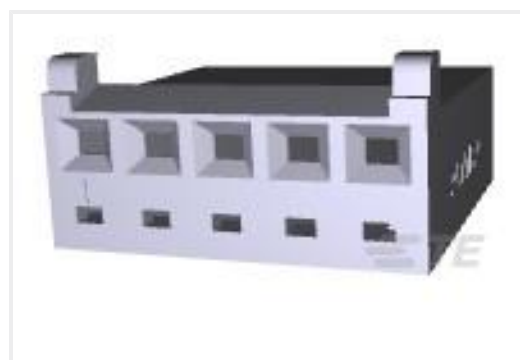
TE Part #640454-8
08P MTA100 HDR ASSY SQ STR POL



TE Part #CAT-104MTA-NTPNR
MTA Receptacle: Nylon, Tin Plated,
2.54 mm



TE Part #640586-1
08P UMNL PLUG HSG V2 NATL



TE Part #1375820-5
CST-100 II HOUSING 5 POS



TE Part #6-1415001-1
PT570L24



TE Part #2-1419106-5
27E893=SOCKET,KU,11,QC,POLY,
DINRAIL

Documents



Product Drawings

[03P MTA156 CONN ASSY 18AWG LF](#)

English

CAD Files

Customer View Model

[ENG_CVM_3-644860-3_D.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_3-644860-3_D.3d_stp.zip](#)

English

Customer View Model

[ENG_CVM_3-644860-3_D.2d_dxf.zip](#)

English

3D PDF

English

3D PDF

3D

Customer View Model

[ENG_CVM_CVM_3-644860-3_E.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_3-644860-3_E.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_3-644860-3_E.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