

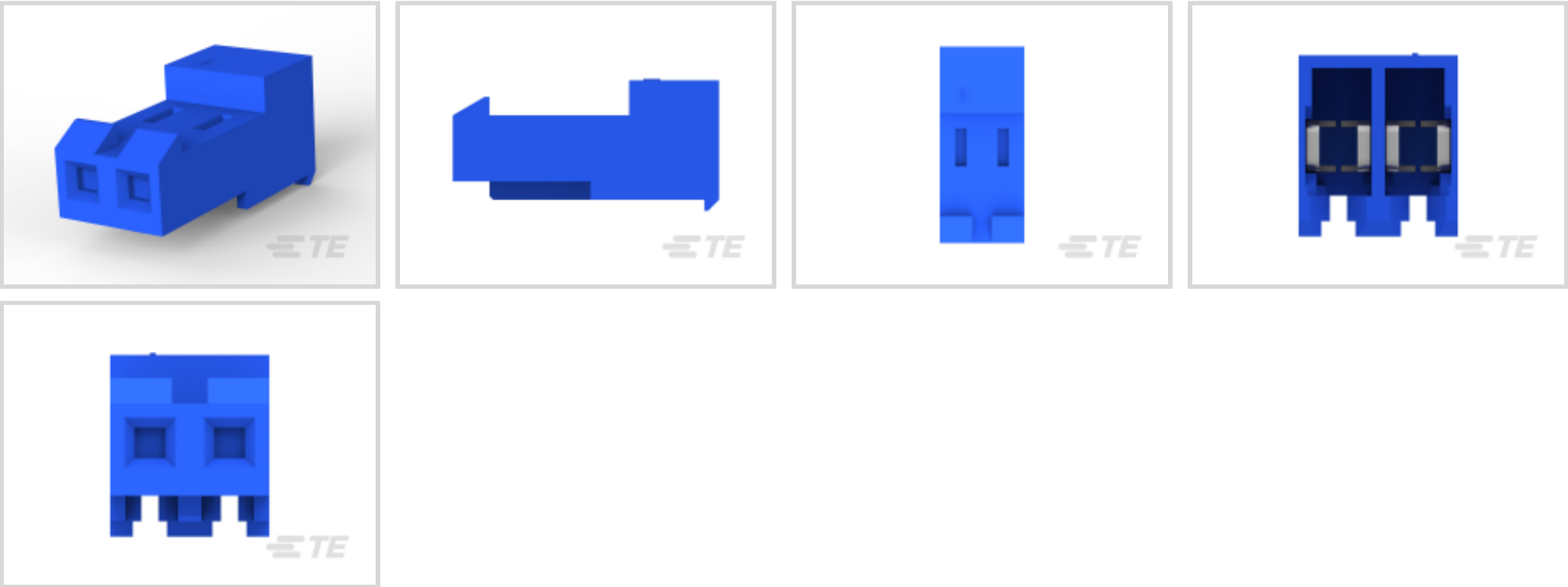


MTA 156

TE Internal #: 3-640430-2
2 Position, Receptacle, Connector Assembly, Insulation
Displacement (IDC), Wire-to-Board, Tin (Sn), UL 94V-2, 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 Positions	2
Number of Rows	1
Number of Power Positions	2
Number of Signal Positions	0

Electrical Characteristics

Operating Voltage	600 VAC
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Body Features



Primary Product Color	Blue
Cable Exit Angle	90 °

Contact Features

Contact Underplating Material	Nickel
Contact Underplating Material Thickness	30 µm[.762 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	Tin (Sn)
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	2.03 µm[80 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	7.92 mm[.312 in]



Wire Size	.12 – .15 mm²
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Usage Conditions

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

Circuit Application	Power & Signal
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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	500
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	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

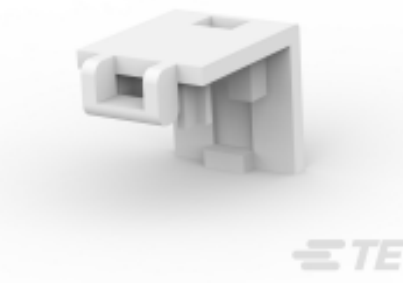
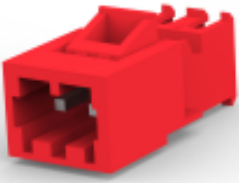
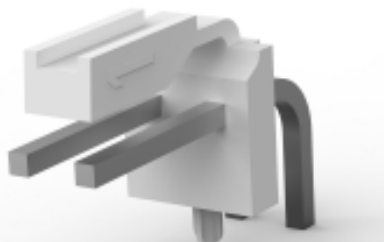
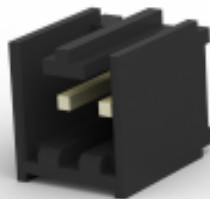
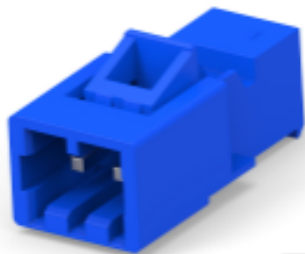
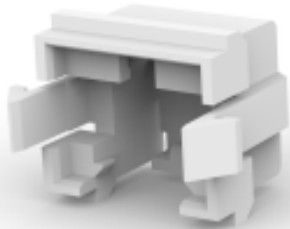
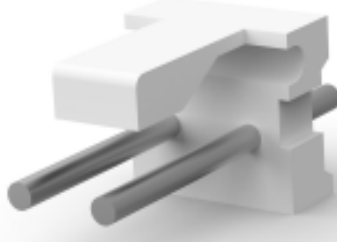
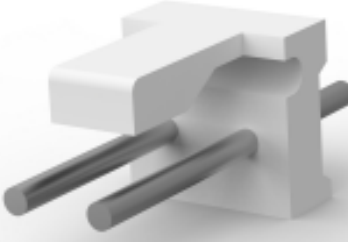
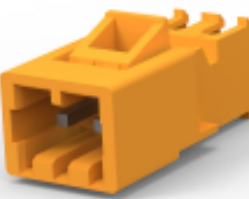
Product Compliance Disclaimer

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

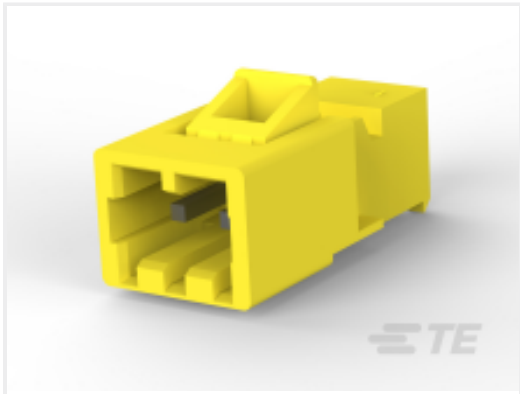
 TE Part # 643067-2 02P MTA156 MOLDED COVER	 TE Part # 3-641524-2 02P MTA156 PSTD CONN ASSY LF	 TE Part # 3-644617-2 02P MTA156 HDR ASSY PO RA FB LF	 TE Part # 2-647127-2 02P MTA156 SHRD HDR ASSY LF
 TE Part # 58247-3 MTA 156 CRIMP HEAD PRODUCTION RBBN CABLE	 TE Part # 58074-1 MTA 50/100/156 MANUAL TOOL FRAME	 TE Part # 644751-2 02P MTA156 HDR ASSY R/A	 TE Part # 3-641439-2 02P MTA156 PSTD CONN ASSY LF
 TE Part # 641533-1 02P MTA156 CONN HSG,END CAP	 TE Part # 640388-2 02P MTA156 HDR ASSY RN STR F/L	 TE Part # 644753-2 02P MTA156 HDR ASSY RN STR F/L	 TE Part # 58247-1 MTA 156 CRIMP HEAD REPAIR DISCRETE
 TE Part # 2-647125-2 02P MTA156 SHRD HDR ASSY LF	 TE Part # 59804-1 MAINTENANCE TOOL	 TE Part # 644752-2 02P MTA156 HDR ASSY SQ STR F/L	 TE Part # 3-641522-2 02P MTA156 PSTD CONN ASSY ORNG



TE Part # 3-644613-2
02P MTA156 HDR RA PO WO PEG LF



TE Part # 3-644615-2
02P MTA156 POL HDR ASSY LF



TE Part # 3-641436-2
02P MTA156 CON ASSY LF

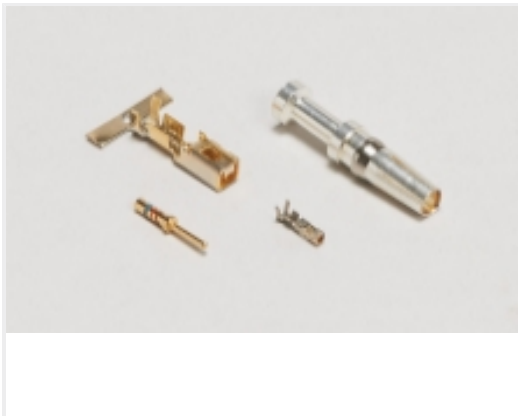


TE Part # 643071-2
02P MTA156 FD-THRU COVER

Also in the Series | MTA 156



Connector Caps & Covers(89)



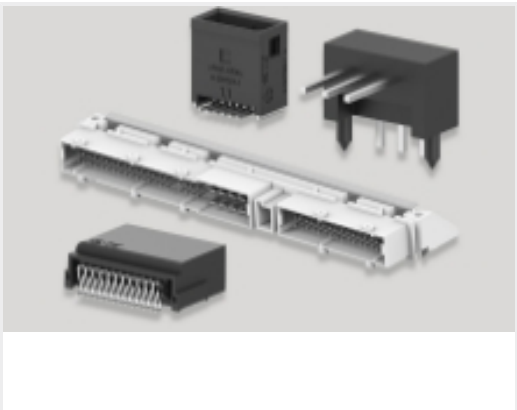
Connector Contacts(4)



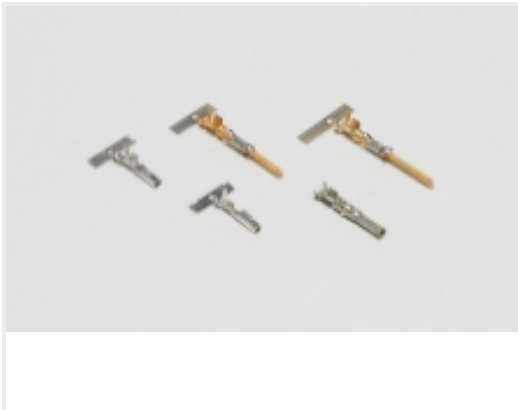
Connector Hardware(2)



Insertion & Extraction Tools(1)



PCB Headers & Receptacles(677)



Power Contacts(3)



Rectangular Power Connectors(1178)

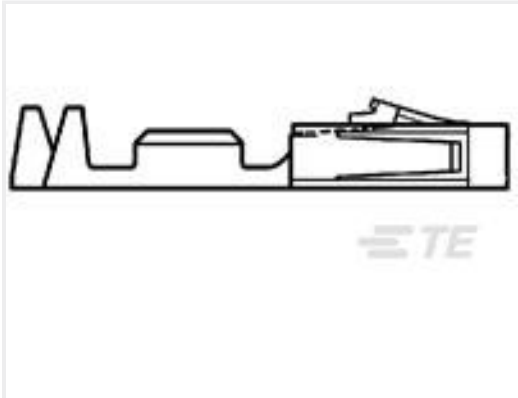


Wire-to-Board Headers & Receptacles (677)

Customers Also Bought



TE Part #59804-1
MAINTENANCE TOOL



TE Part #1-104479-0
SHORT POINT CONT 30 DPLX STMPD LF



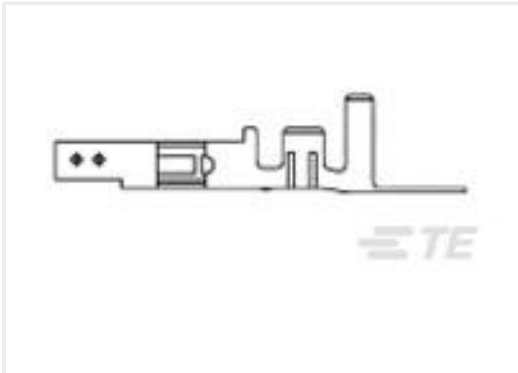
TE Part #330648
PIDG R 22-16 COMM 22-18 MIL 4



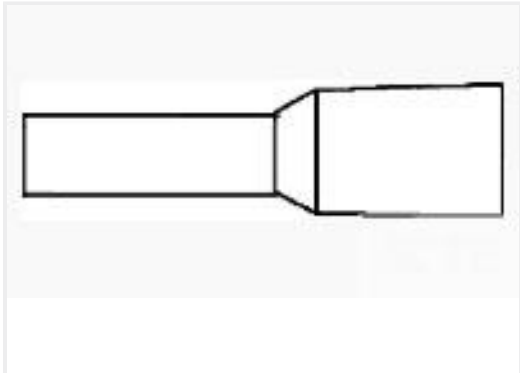
TE Part #3-640429-6
06P MTA156 CONN ASSY 24AWG WHT



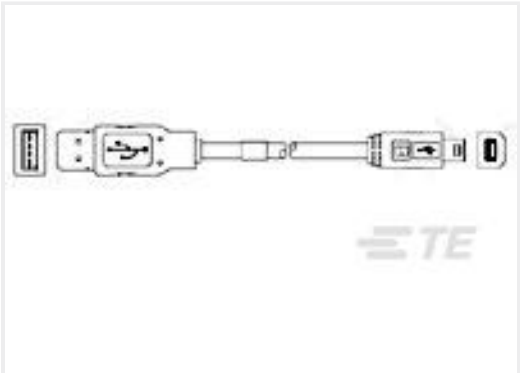
TE Part #3-640602-8
08P MTA156 CONN ASSY 24AWG LF



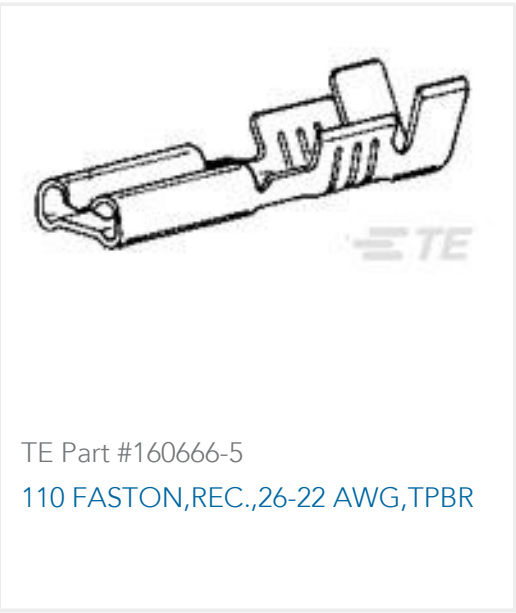
TE Part #794958-1
VAL-U-LOK SKT BR SN 22-26AWG



TE Part #966144-2
FER,WIRE,DBL,PL SLV,.75/18,L8,GREY, LP



TE Part #1487595-1
USB, A-B, 28/26, BLACK, 1.0M



Documents

Product Drawings

02P MTA156 CONN ASSY 26AWG BLU

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_3-640430-2_R.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_3-640430-2_R.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_3-640430-2_R.3d_stp.zip

English

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Datasheets & Catalog Pages

ENG_DS_82056_MTA_0818.pdf

English

Product Specifications

Application Specification

English

Agency Approvals

Agency Approval Document

English