



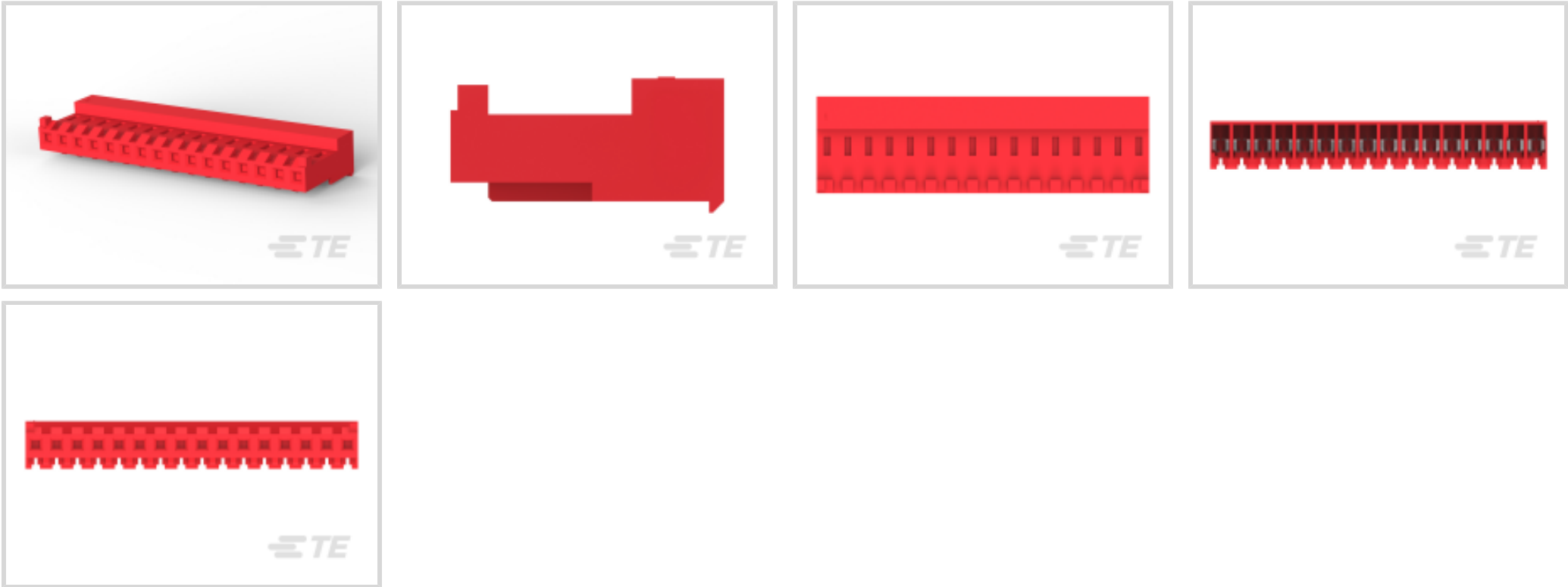
MTA 156

TE Internal #: 4-643819-6

Connector Assembly, Receptacle, Insulation Displacement (IDC),
Wire-to-Board, Tin (Sn), MTA 156, Rectangular Wire & Cable
Connectors & Housings

[View on TE.com >](#)

Connectors > Rectangular Connectors > Standard Rectangular Connectors



Connector Product Type: **Connector Assembly**
Connector & Housing Type: **Receptacle**
Mating Alignment: **With**
Mating Alignment Type: **Polarizing Tab**
Mating Retention: **With**

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 Power Positions	16
Number of Positions	16
Number of Rows	1

Electrical Characteristics

Operating Voltage	600 VAC
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Body Features

Cable Exit Angle	90°
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Primary Product Color	Red
Contact Features	
Contact Underplating Material	Nickel
Contact Underplating Material Thickness	30 µm[.762 µin]
Wire Contact Termination Area Plating Material	Tin
Contact Mating Area Plating Material Thickness	2.03 – 5.08 µm[80 – 200 µin]
Contact Layout	Inline
Contact Base Material	Copper Alloy
Wire Contact Termination Area Plating Thickness	2.03 µm[80 µin]
Contact Type	Receptacle
Contact Mating Area Plating Material Finish	Matte
Contact Mating Area Plating Material	Tin (Sn)
Contact Retention Within Housing	With
Contact Current Rating (Max)	7 A
Termination Features	
Termination Method to Wire & Cable	Insulation Displacement (IDC)
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	With
Mating Retention Type	Locking Ramp
Connector Mounting Type	Cable Mount (Free-Hanging)
Housing Features	
Housing Material	Nylon
Wire & Cable IDC Installation Type	Closed End
Centerline (Pitch)	3.96 mm[.156 in]
Dimensions	
Compatible Insulation Diameter Range	2.41 mm[.095 in]
Connector Height	9.02 mm



Wire Size	22 AWG
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Connector Length	63.4 mm
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Usage Conditions

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

Circuit Application	Power
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Industry Standards

Compatible With Agency/Standards Products	CSA, UL
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UL Rating	Recognized
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Compatible With Approved Standards Products	UL E28476
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CSA Rating	Certified, LR 7189
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Glow Wire Rating	Standard Part - Not Glow Wire
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UL Flammability Rating	UL 94V-2
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Packaging Features

Packaging Quantity	125
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Packaging Method	Box & Carton
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Product Compliance

For compliance documentation, visit the product page on [TE.com](#)>

EU RoHS Directive 2011/65/EU	Compliant
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EU ELV Directive 2000/53/EC	Compliant
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China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold
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EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JAN 2025 (247) Candidate List Declared Against: JAN 2025 (247) Does not contain REACH SVHC
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Halogen Content	BFR/CFR/PVC Free, but Br/Cl >900 ppm in other sources.
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Solder Process Capability	Not applicable for solder process capability
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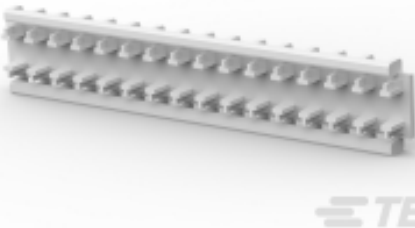
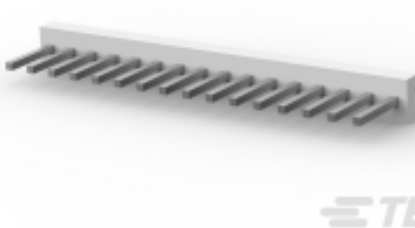
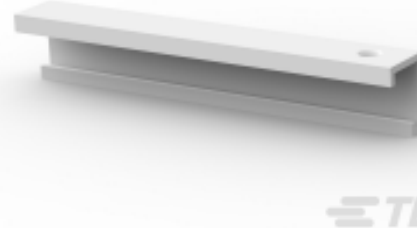
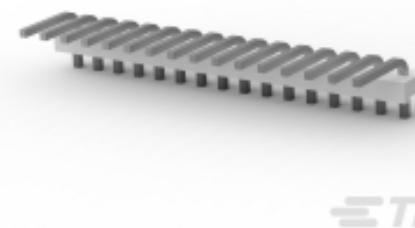
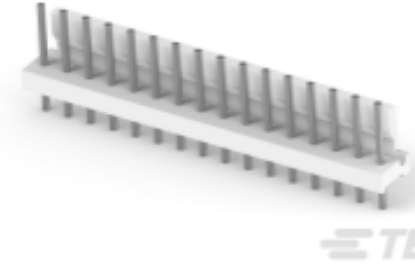
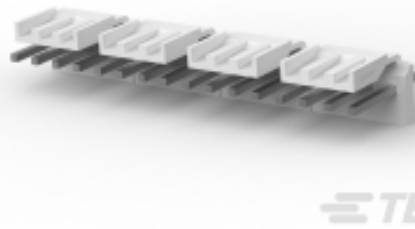
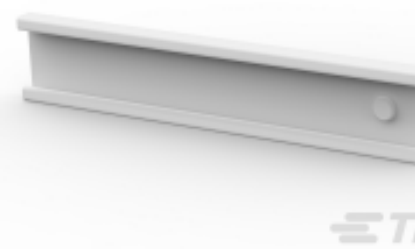
Product Compliance Disclaimer

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 # 1-643071-6 16P MTA156 FD-THRU COVER	 TE Part # 1-640383-6 16P MTA156 HDR ASSY STR SQ SN	 TE Part # 1-640551-6 16P MTA156 COVER	 TE Part # 1-640385-6 16P MTA156 HDR ASSY SQ R/A
 TE Part # 58247-1 MTA 156 CRIMP HEAD REPAIR DISCRETE	 TE Part # 1-640388-6 16P MTA156 HDR ASSY RN STR F/L	 TE Part # 1-644752-6 16P MTA156 HDR ASSY SQ STR F/L	 TE Part # 1-644751-6 16P MTA156 HDR ASSY R/A
 TE Part # 58247-2 MTA 156 CRIMP HEAD PRODUCTION DISCRETE	 TE Part # 1-644753-6 16P MTA156 HDR ASSY RN STR F/L	 TE Part # 1-640445-6 16P MTA156 HDR ASSY FL/STR SN	 TE Part # 1-640389-6 16P MTA156 HDR ASSY SQ R/A F/L
 TE Part # 59804-1 MAINTENANCE TOOL	 TE Part # 4-644615-6 16P MTA156 POL HDR ASSY LF	 TE Part # 1-643067-6 16P MTA156 MOLDED COVER	 TE Part # 1-640643-6 16P MTA156 COVER F/T



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

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

Also in the Series | MTA 156

Connector Caps & Covers(89)

Connector Contacts(4)

Connector Hardware(2)

PCB Headers & Receptacles(677)

Power Contacts(3)

Rectangular Power Connectors(1178)

Standard Rectangular Connectors(667)

Customers Also Bought

TE Part #CAT-103156-WBHS
Receptacle Housing: Wire-to-Board, with Mating Alignment, SL156

TE Part #1-640383-6
16P MTA156 HDR ASSY STR SQ SN

TE Part #1658622-6
26 NOVO MIL/CTR 30DP, LEAD FREE

TE Part #35109
TERMINAL, PIDG R 12-10 10

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

TE Part #3-640707-1
SL 156 RECEPTACLE LP

TE Part #640454-2
02P MTA100 HDR ASSY SQ STR POL

TE Part #1825255-5
MHS12304=SPDT SL SW VERT AG



Documents

Product Drawings

16P MTA156 CONN ASSY 22AWG LF

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_4-643819-6_J.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_4-643819-6_J.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_4-643819-6_J.3d_stp.zip

English

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

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

Agency Approvals

Agency Approval Document

English