



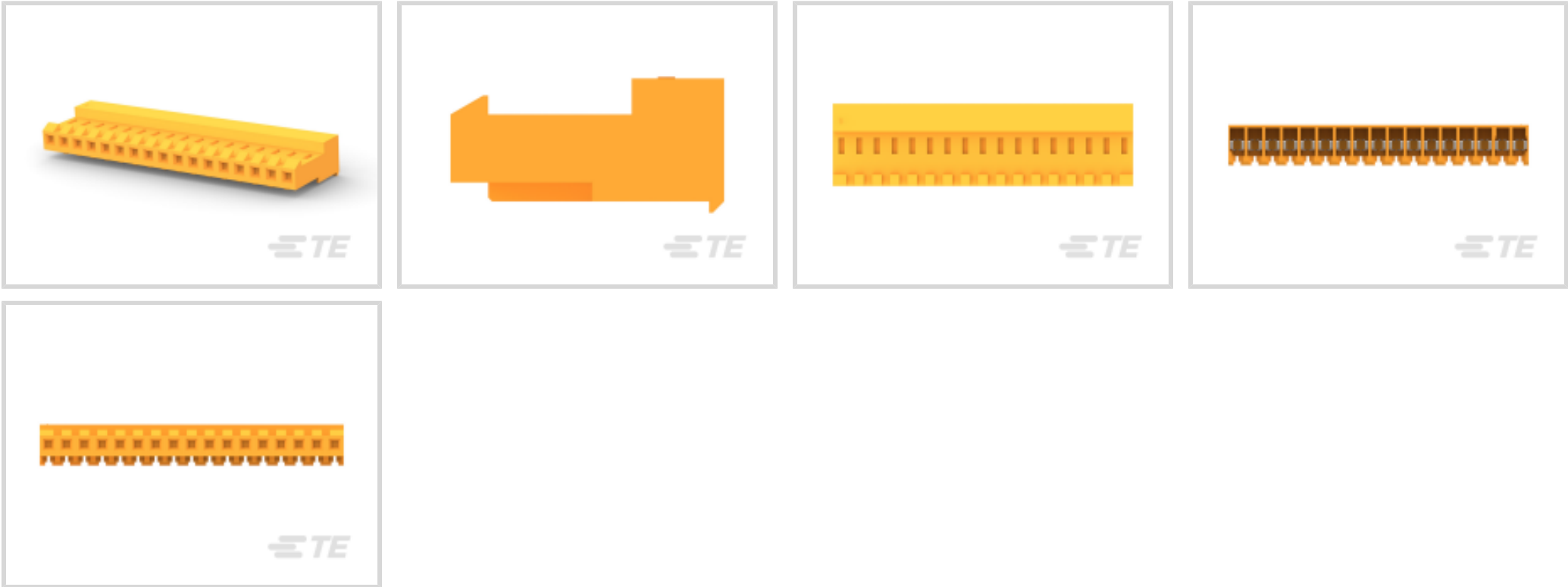
MTA 156

TE Internal #: 4-640426-7

Standard Rectangular Connectors, Connector Assembly,
Receptacle, Mating Retention, Insulation Displacement (IDC), Wire-
to-Board, Tin, Normal, MTA 156

[View on TE.com >](#)

Connectors > Rectangular Connectors > Standard Rectangular Connectors



Connector Product Type: **Connector Assembly**
Connector & Housing Type: **Receptacle**
Mating Alignment: **Without**
Mating Retention: **With**
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
Insertion Force Type	Normal
Sealable	No
Connector & Contact Terminates To	Wire & Cable

Configuration Features

Number of Cavities	17
Contacts Preloaded	Yes
Number of Positions	17
Number of Rows	1

Electrical Characteristics

Operating Voltage	600 VAC
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Contact Features

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

Termination Features

Termination Method to Wire & Cable	Insulation Displacement (IDC)
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Mechanical Attachment

Contact Retention Type Within Housing	Locking Lance
Mating Alignment	Without
Mating Retention	With
Mating Retention Type	Locking Ramp
Connector Mounting Type	Cable Mount (Free-Hanging)

Housing Features

Housing Material	Nylon 6/6
Housing Color	Orange
Centerline (Pitch)	2.54 mm[.1 in]

Dimensions

Connector Height	18.42 mm[.725 in]
Product Width	9.02 mm[.355 in]
Product Length	67.36 mm[2.652 in]
Wire Size	.8 – .9 mm ²

Usage Conditions

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

Shielded	No
Circuit Application	Power

Industry Standards

CSA Rating	LR 7189
UL Rating	Recognized



Agency/Standard	CSA, UL
Approved Standards	UL E28476
UL Flammability Rating	UL 94V-2

Packaging Features

Packaging Quantity	125
Packaging Method	Box & Carton

Product Compliance

For compliance documentation, visit the product page on TE.com>

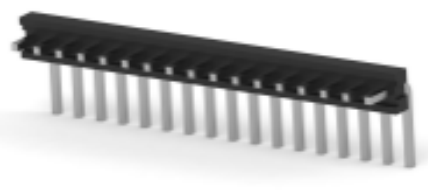
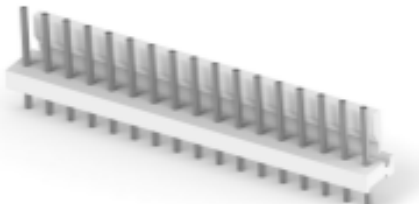
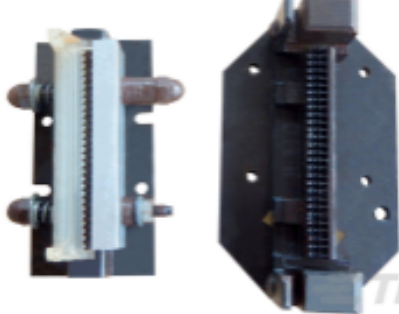
EU RoHS Directive 2011/65/EU	Compliant
EU ELV Directive 2000/53/EC	Compliant
China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2023 (235) Candidate List Declared Against: JUNE 2023 (235) Does not contain REACH SVHC
Halogen Content	Low Halogen - Br, Cl, F, I < 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

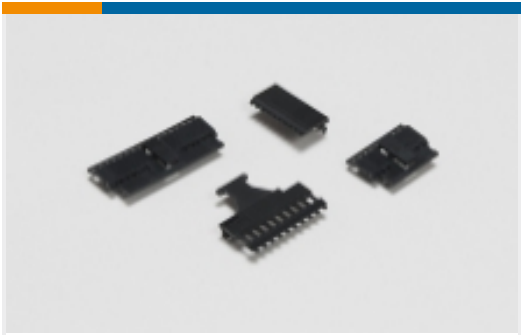


 TE Part # 58074-1 MTA 50/100/156 MANUAL TOOL FRAME	 TE Part # 59804-1 MAINTENANCE TOOL	 TE Part # 1-640445-7 17P MTA156 HDR ASSY FL/STR SN	 TE Part # 58247-1 MTA 156 CRIMP HEAD REPAIR DISCRETE
 TE Part # 1-640383-7 17P MTA156 HDR ASSY STR SQ SN	 TE Part # 1-643067-7 17P MTA156 MOLDED COVER	 TE Part # 1-640551-7 17P MTA156 COVER	 TE Part # 1-644752-7 17P MTA156 HDR ASSY SQ STR F/L
 TE Part # 58247-3 MTA 156 CRIMP HEAD PRODUCTION RBBN CABLE	 TE Part # 1-640385-7 17P MTA156 HDR ASSY SQ R/A	 TE Part # 1-640388-7 17P MTA156 HDR ASSY RN STR F/L	 TE Part # 1-640389-7 17P MTA156 HDR ASSY SQ R/A F/L
 TE Part # 1-640643-7 17P MTA156 COVER F/T	 TE Part # 1-643071-7 17P MTA156 FD-THRU COVER	 TE Part # 1-644751-7 17P MTA156 HDR ASSY R/A	 TE Part # 1-644753-7 17P MTA156 HDR ASSY RN STR F/L
 TE Part # 58040-1 MTA 156 ARBOR FIXTURE DISCRETE RBN CABLE	 TE Part # 58247-2 MTA 156 CRIMP HEAD PRODUCTION DISCRETE	 TE Part # 58576-1 MTA 156 PNEUMATIC TOOL FOR BOARD FIXTURE	 TE Part # 58580-1 MTA 156 MANUAL TOOL ASSEMBLY DISCRETE

Also in the Series | [MTA 156](#)



Insertion & Extraction Tools(1)



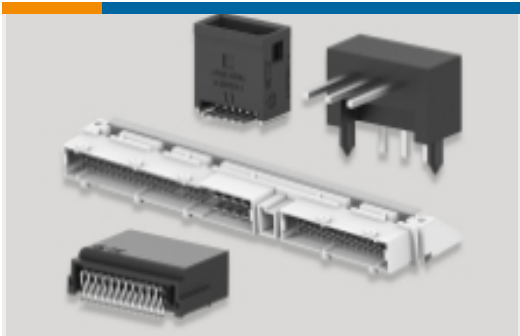
PCB Connector Covers(88)



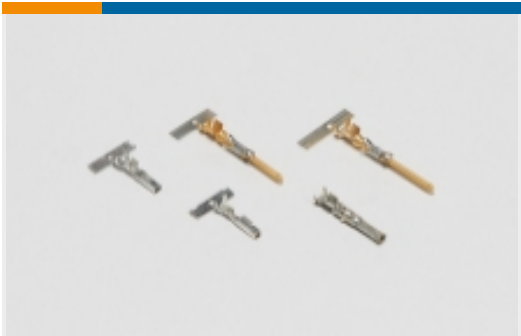
PCB Connector Keying(2)



PCB Connector Mounting(1)



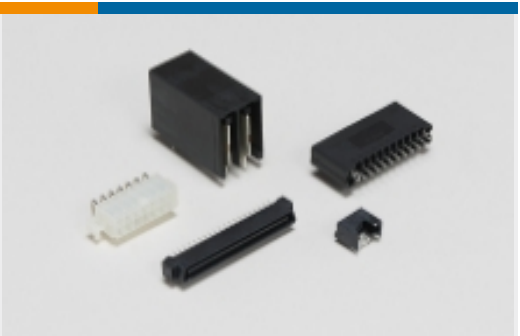
PCB Headers & Receptacles(314)



Power Contacts(2)



Rectangular Power Connectors(698)



Standard Rectangular Connectors(337)



Wire-to-Board Connector Contacts(2)

Customers Also Bought



TE Part #5-1415019-1
Force Guided Relay with 6 contacts



TE Part #1-640454-4
14P MTA100 HDR ASSY SQ STR POL



TE Part #4-640426-2
12P MTA156 CONN ASSY 18AWG ORA



TE Part #3-640600-6
06P MTA156 CONN ASSY 20AWG LF



TE Part #4-640426-5
15P MTA156 CONN ASSY 18AWG ORA



TE Part #2-640445-4
24P MTA156 HDR ASSY FL/STR SN



TE Part #4-640600-2
12P MTA156 CONN ASSY 20AWG LF



TE Part #1-1415012-1
V23047-A1110-A501

Documents



Product Drawings

17P MTA156 CONN ASSY 18AWG ORA

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_4-640426-7_K.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_4-640426-7_K.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_4-640426-7_K.3d_stp.zip

English

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Product Specifications

Product Specification

English

Agency Approvals

CSA Certificate

English