4-643819-8 ✔ ACTIVE

MTA 156

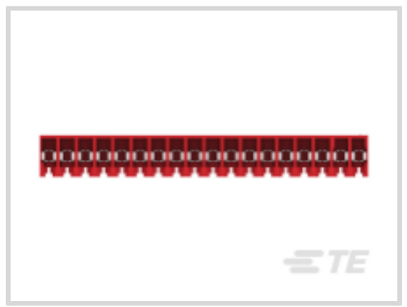
TE Internal #: 4-643819-8

Standard Rectangular Connectors, Connector Assembly, Receptacle, Mating Alignment, Polarization Mating Alignment Type, Mating Retention, MTA 156

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: **Polarization**

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 Cavities	18
Contacts Preloaded	Yes
Number of Positions	18
Number of Rows	1

Electrical Characteristics

Operating Voltage	600 VAC

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)

Mechanical Attachment

Contact Retention Type Within Housing	Locking Lance
Mating Alignment	With
Mating Alignment Type	Polarization
Mating Retention	With
Mating Retention Type	Locking Ramp
Connector Mounting Type	Cable Mount (Free-Hanging)

Housing Features

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

Dimensions

Connector Height	18.42 mm[.725 in]
Product Width	9.02 mm[.355 in]
Product Length	71.32 mm[2.808 in]
Wire Size	.3 – .4 mm^2

Usage Conditions

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

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	BFR/CFR/PVC Free, but Br/Cl >900 ppm in other sources.
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 # 1-640445-8
18P MTA156 HDR ASSY FL/STR SN



TE Part # 1-640385-8
18P MTA156 HDR ASSY SQ R/A



TE Part # 1-640388-8
18P MTA156 HDR ASSY RN STR F/L



TE Part # 1-640383-8
18P MTA156 HDR ASSY STR SQ SN



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



TE Part # 1-643067-8
18P MTA156 MOLDED COVER



TE Part # 1-640551-8
18P MTA156 COVER



TE Part # 1-640389-8
18P MTA156 HDR ASSY SQ R/A F/L



TE Part # 4-644615-8
18P MTA156 POL HDR ASSY LF



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



TE Part # 1-640643-8
18P MTA156 COVER F/T



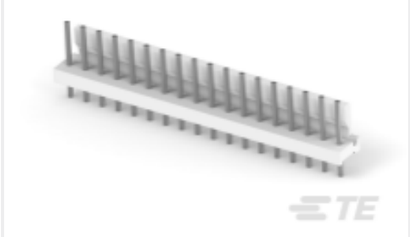
TE Part # 1-643071-8
18P MTA156 FD-THRU COVER



TE Part # 1-644751-8
18P MTA156 HDR ASSY R/A



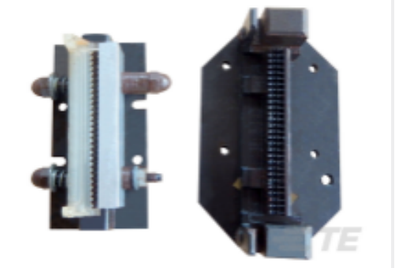
TE Part # 1-644752-8
18P MTA156 HDR ASSY SQ STR F/L



TE Part # 1-644753-8
18P MTA156 HDR ASSY RN STR F/L



TE Part # 4-644617-8
18P MTA156 HDR ASY PO RA FB LF



TE Part # 58040-1
MTA 156 ARBOR FIXTURE DISCRETE RBN CABLE

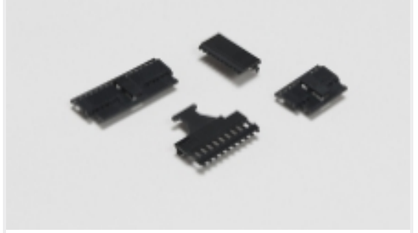


TE Part # 58247-2
MTA 156 CRIMP HEAD PRODUCTION DISCRETE

Also in the Series | MTA 156



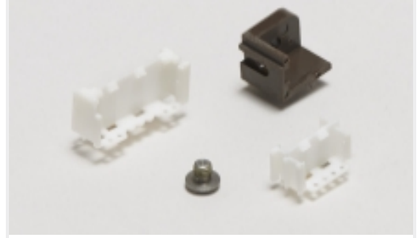
Insertion & Extraction Tools(1)



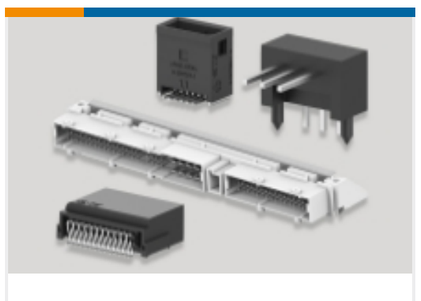
PCB Connector Covers(88)



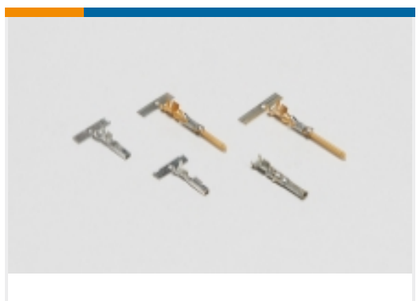
PCB Connector Keying(2)



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 #206070-8
CABLE CLAMP KIT #17



TE Part #DT04-2P
REC, 2P, GRY, N



TE Part #DT06-2S
PLG, 2P, GRY, N



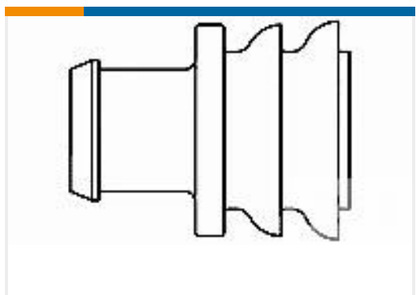
TE Part #W2S
Wedgelocks: DEUTSCH DT



TE Part #0462-201-16141
DEUTSCH Solid Contacts



TE Part #282104-1
AMP SUPERSEAL 1.5MM, CONNECTOR HOUSING



TE Part #281934-2
SINGLE WIRE SEAL

Documents

Product Drawings

18P MTA156 CONN ASSY 22AWG LF

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_4-643819-8_J.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_4-643819-8_J.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_4-643819-8_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

Agency Approvals

Agency Approval Document

English