



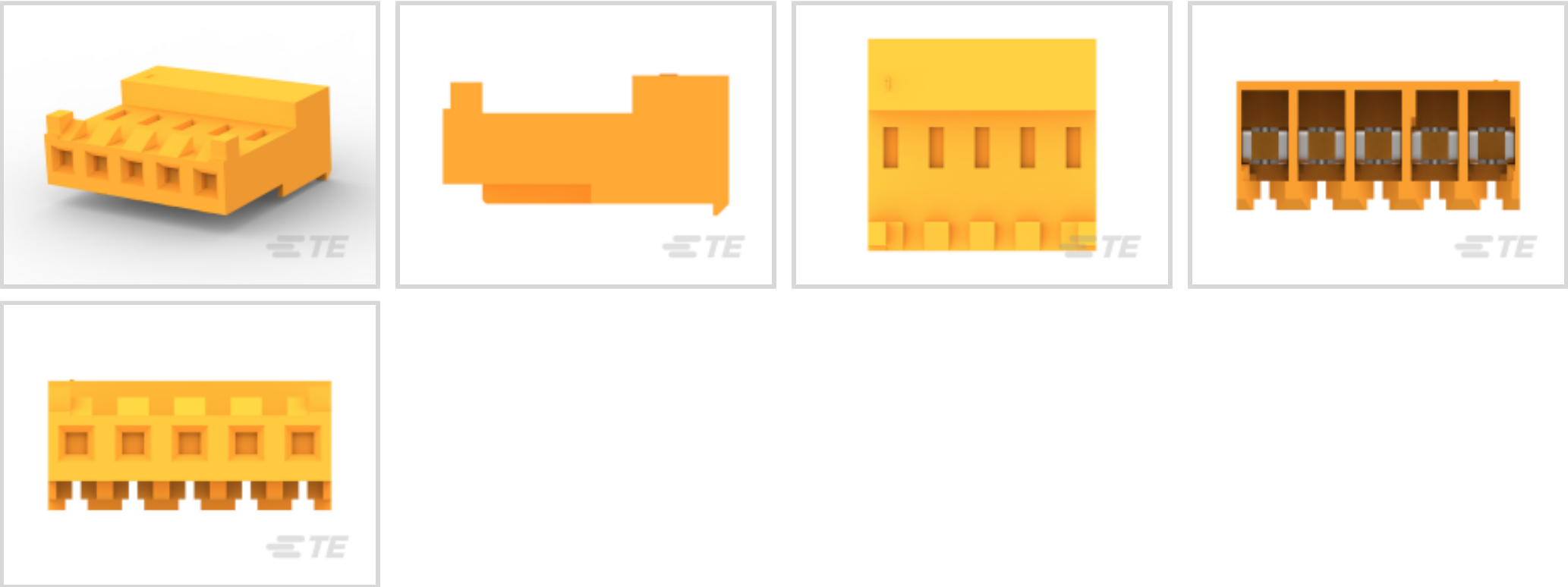
MTA 156

TE Internal #: 3-643817-5

Connector Assembly, Receptacle, Wire-to-Board, 5 Position, 3.96 mm [.156 in] Centerline, Wire & Cable, UL 94V-2, MTA 156, Rectangular Power Connectors

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Connectors > Power Connectors > Rectangular Power > Rectangular Power Connectors



Rectangular Power Connector Type: **Connector Assembly**

Connector & Housing Type: **Receptacle**

Connector System: **Wire-to-Board**

Number of Positions: **5**

Centerline (Pitch): **3.96 mm [.156 in]**

Features

Body Features

Cable Exit Angle	90°
Connector Profile	Standard

Packaging Features

Packaging Quantity	250
Packaging Method	Bag & Box

Dimensions

Compatible Insulation Diameter Range	2.41 mm[.095 in]
Product Length	19.81 mm
Connector Height	9.02 mm
Wire Size	.823 mm²

Mechanical Attachment

Strain Relief	With
Panel Mount Feature	Without
Mating Retention Type	Locking Ramp



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

Contact Features

Contact Underplating Material	Nickel
Contact Underplating Material Thickness	30 µm[.762 µin]
Contact Layout	Inline
Contact Mating Area Plating Material	Tin
Contact Base Material	Copper Alloy
Wire Contact Termination Area Plating Thickness	2.03 µm[80 µin]
Contact Mating Area Plating Material Finish	Matte
Contact Current Rating (Max)	7 A
Contact Retention Within Housing	With
Contact Type	Receptacle
Wire Contact Termination Area Plating Material	Tin
Contact Mating Area Plating Material Thickness	2.03 – 5.08 µm[80 – 200 µin]

Industry Standards

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

Housing Features

Wire & Cable IDC Installation Type	Closed End
Centerline (Pitch)	3.96 mm[.156 in]
Housing Color	Orange
Housing Material	Nylon



Product Type Features

Compatible With Discrete Wire Type	Stranded
Rectangular Power Connector 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	5
Number of Power Positions	5
Number of Rows	1

Electrical Characteristics

Operating Voltage	600 VAC
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Termination Features

Termination Method to Wire & Cable	Insulation Displacement (IDC)
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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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Other

EU RoHS Compliance	Compliant
EU ELV Compliance	Compliant

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 2024 (241) 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

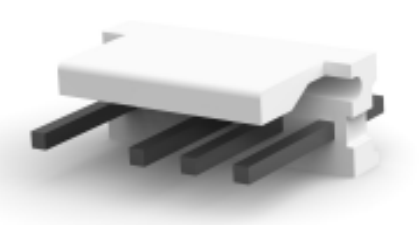
This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight 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

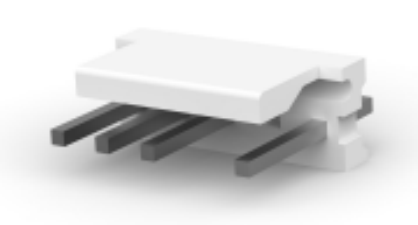
 TE Part # 643495-2 05P MTA156 HDR ASSY W/O#2&4	 TE Part # 58247-3 MTA 156 CRIMP HEAD PRODUCTION RBBN CABLE	 TE Part # 2-647127-5 05P MTA156 SHRD HDR ASSY LF	 TE Part # 3-644611-5 05P MTA156 HDR POL WO PEGS LF
 TE Part # 640551-5 05P MTA156 COVER	 TE Part # 644753-5 05P MTA156 HDR ASSY RN STR F/L	 TE Part # 643495-4 05P MTA156 HDR ASSY W/O#3	 TE Part # 2-647125-5 05P MTA156 SHRD HDR ASSY LF
 TE Part # 58074-1 MTA 50/100/156 MANUAL TOOL FRAME	 TE Part # 2-647123-5 05P MTA156 SHRD HDR ASSY SQ SN	 TE Part # 3-644615-5 05P MTA156 POL HDR ASSY LF	 TE Part # 643067-5 05P MTA156 MOLDED COVER



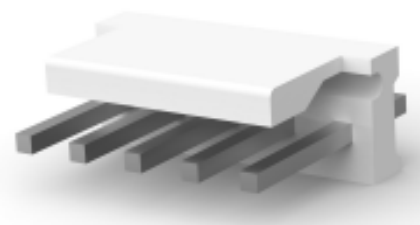
TE Part # 4-640388-5
MTA-156 HEADER ASSEMBLY,
FRICTION LOCK



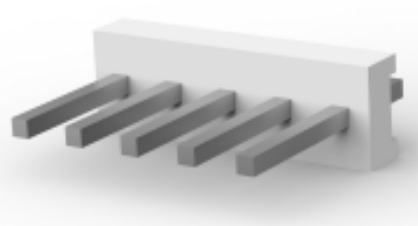
TE Part # 643495-1
05P MTA156 HDR ASSY W/O#4



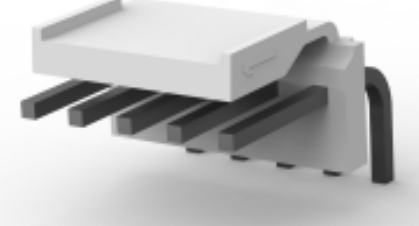
TE Part # 643495-3
05P MTA156 HDR ASSY W/O#2



TE Part # 640445-5
05P MTA156 HDR ASSY FL/STR SN



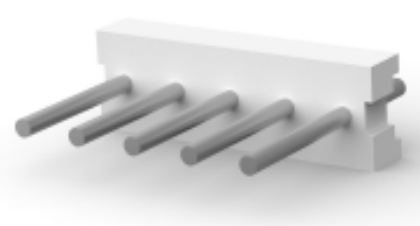
TE Part # 640383-5
05P MTA156 HDR ASSY STR SQ SN



TE Part # 3-644613-5
05P MTA156 HDR RA PO WO PEG LF



TE Part # 640385-5
05P MTA156 HDR ASSY SQ R/A



TE Part # 640384-5
05P MTA156 HDR ASSY STR RND SN

Also in the Series | MTA 156



Connector Caps & Covers(89)



Connector Contacts(4)



Connector Hardware(2)



Insertion & Extraction Tools(1)



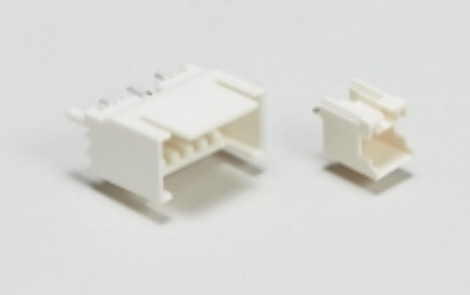
PCB Headers & Receptacles(677)



Power Contacts(3)



Rectangular Power Connectors(331)



Wire-to-Board Headers & Receptacles
(677)

Customers Also Bought



TE Part #3-647001-4
04P MTA100 PSTD CONN ASSY SN



TE Part #9-1609095-0
3FB3=F8362



TE Part #4-644563-2
12P MTA100 CONN ASSY F/T 24AWG



TE Part #3-643819-4
04P MTA156 CONN ASSY 22AWG RED



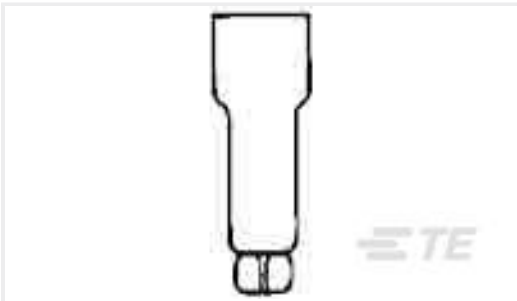
TE Part #34147
PG R 22-16 COMM 22-18 MIL 6



TE Part #3-643817-2
02P MTA156 CONN ASSY 18AWG ORA



TE Part #3-643820-4
04P MTA156 CONN ASSY 24AWG WHT



TE Part #2-328375-3
SPLICE,CE 22-14



TE Part #2-34147-1
PG R 22-16 COMM 22-18 MIL 6



TE Part #3-640434-2
02P MTA156 CONN ASSY 24AWG WHT

Documents

Product Drawings

05P MTA156 CONN ASSY 18AWG ORA

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_3-643817-5_J.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_3-643817-5_J.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_3-643817-5_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

UL

English