3-643191-3 × OBSOLETE

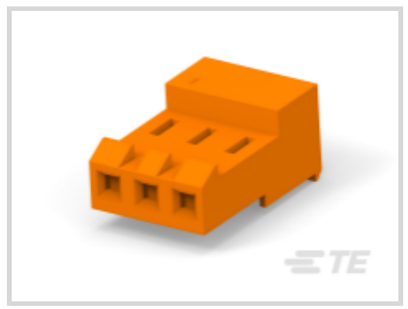
MTA 156

TE Internal #: 3-643191-3

TE Internal Description: 03P MTA156 CONN ASSY H/F 18AWG

View on TE.com >

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: **3**

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

Features

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	3
Number of Power Positions	3
Number of Rows	1

Electrical Characteristics

Operating Voltage	600 VAC

Body Features

Cable Exit Angle	90°
Connector Profile	Standard

Contact Features

Contact Layout	Inline
Contact Underplating Material Thickness	30 µm[.762 µin]
Wire Contact Termination Area Plating Thickness	2.03 µm[80 µin]
Contact Mating Area Plating Material	Tin
Contact Mating Area Plating Material Finish	Matte
Contact Underplating Material	Nickel
Contact Base Material	Copper Alloy
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	80 µm[2.03 µin]

Termination Features

Termination Method to Wire & Cable	Insulation Displacement (IDC)

Mechanical Attachment

Strain Relief	With
Mating Alignment Type	Polarization
Mating Retention	With
Mating Alignment	With
Contact Retention Type Within Housing	Locking Lance
PCB Mount Alignment	Without
Panel Mount Feature	Without
PCB Mount Retention	Without
Mating Retention Type	Locking Ramp
Connector Mounting Type	Cable Mount (Free-Hanging)

Housing Features

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

Dimensions

Connector Height	9.02 mm
Product Length	11.89 mm
Compatible Insulation Diameter Range	2.41 mm[.095 in]
Wire Size	.8 - .9 mm²

Usage Conditions

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

Operation/Application

Circuit Application	Power

Industry Standards

CSA Rating	Certified, LR 7189
UL Rating	Recognized
Compatible With Agency/Standards Products	CSA, UL
Compatible With Approved Standards Products	UL E28476
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	No Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JAN 2024 (240) 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

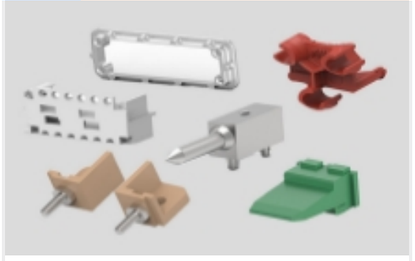
Also in the Series | MTA 156



Connector Caps & Covers(89)



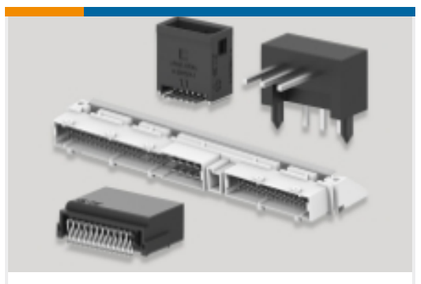
Connector Contacts(4)



Connector Hardware(2)



Insertion & Extraction Tools(1)



PCB Headers & Receptacles(314)



Rectangular Power Connectors(691)



Standard Rectangular Connectors(336)

Customers Also Bought



TE Part # 5553811-1
ASSY,EMI RCPT,24 POSN,SCR LK



TE Part # 3-641534-8
08P MTA100 CONN ASSY 22AWG



TE Part # 1658620-1
10 NOVO MIL 15DP, LEAD FREE

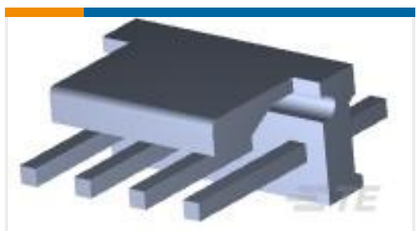


TE Part # 3-640426-8
08P MTA156 CONN ASSY 18AWG ORA



TE Part # 3-640426-2
02P MTA156 CONN ASSY 18AWG

ORA



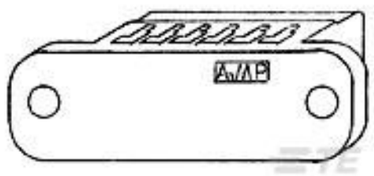
TE Part # 644752-4
04P MTA156 HDR ASSY SQ STR F/L



TE Part # 175778-2
CT. CRIMP REC HSG 2P



TE Part # 3-643193-2
02P MTA156 CONN ASSY H/F 22AWG



TE Part # 582388-9
DUO-TYNE FLG HSG 22 POS.

Documents

CAD Files

3D PDF

3D

Customer View Model
ENG_CVM_CVM_3-643191-3_D.2d_dxf.zip

English

Customer View Model
ENG_CVM_CVM_3-643191-3_D.3d_igs.zip

English

Customer View Model
ENG_CVM_CVM_3-643191-3_D.3d_stp.zip

English

Customer View Model
ENG_CVM_3-643191-3_C.3d_igs.zip

English

Customer View Model
ENG_CVM_3-643191-3_C.3d_stp.zip

English

Customer View Model
ENG_CVM_3-643191-3_C.2d_dxf.zip

English

3D PDF

English

By downloading the CAD file I accept and agree to the Terms and Conditionsof use.

Product Specifications

MTA 156 Ribbon Cable Connector Assemblies (English And Spanish)

Japanese

MTA 156 Ribbon Cable Connector Assemblies (English And Spanish)

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