MTA 156

TE Internal #: 640431-4

TE Internal Description: 04P MTA156 CONN ASSY 18AWG ORA

View on TE.com >



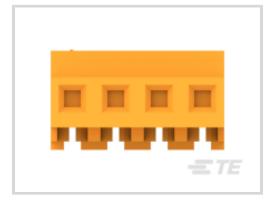
Connectors > Power Connectors > Rectangular Power > Rectangular Power Connectors











Rectangular Power Connector Type: Connector Assembly

Connector & Housing Type: Receptacle

Connector System: Wire-to-Board

Number of Positions: 4

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	4
Number of Power Positions	4
Number of Rows	1
Electrical Characteristics	
Operating Voltage	600 VAC
Body Features	
Cable Exit Angle	90°

Standard

Connector Profile



Contact Features

Contact Layout	Inline
Wire Contact Termination Area Plating Thickness	2.03 - 5.08 μm[80 - 200 μin]
Contact Mating Area Plating Material	Tin-Lead
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-Lead
Contact Mating Area Plating Material Thickness	2.03 - 5.08 μm[80 - 200 μin]

Termination Features

Mechanical Attachment

Strain Relief	With
Mating Retention	Without
Mating Alignment	Without
Contact Retention Type Within Housing	Locking Lance
PCB Mount Alignment	Without
Panel Mount Feature	Without
PCB Mount Retention	Without
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[.355 in]
Product Length	15.85 mm[.624 in]
Compatible Insulation Diameter Range	2.41 mm[.095 in]
Wire Size	.89 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	250
Packaging Method	Bag & Box

Product Compliance

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

EU RoHS Directive 2011/65/EU	Not Compliant
EU ELV Directive 2000/53/EC	Compliant with Exemptions
China RoHS 2 Directive MIIT Order No 32, 2016	Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JAN 2024 (240) Candidate List Declared Against: JAN 2024 (240) SVHC > Threshold: Pb (13% in Component Part) Article Safe Usage Statements: Do not eat, drink or smoke when using this product. Wash thoroughly after handling. Recycle if possible and dispose of the article by following all applicable governmental regulations relevant to your geographic location.
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-onreach

Also in the Series | MTA 156



Connector Caps & Covers(89)



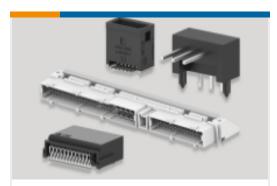
Connector Contacts(4)



Connector Hardware(2)



Insertion & Extraction Tools(1)



PCB Headers & Receptacles(314)



Rectangular Power Connectors(691)



Standard Rectangular Connectors(336)

Customers Also Bought



TE Part # ZPF00000000136485 RECEPTACLE MALE FOR 12 PINS, CAL1,6



TE Part # EC9833-000 ZHD-SCE-3.2-50-S1-4



TE Part # 1-1415543-5 RTE44110



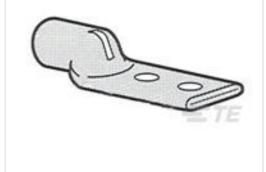
623 PLUG



TE Part # ZPF000000000205373 PLUG MALE ANG.90 CAL.20 - FXP



TE Part # YZ-KC-212751A-PY00 TOOL DISMOUNTING - FXP2



TE Part # 55992-1 TERMINAL, AMPOWER R 2/0 5/16



CONTACT MALE ANG.90, CAL20, 120MM2 - FXP





Documents

CAD Files

Customer View Model

ENG_CVM_CVM_640431-4_K.2d_dxf.zip

English

3D PDF

3D

Customer View Model

ENG_CVM_CVM_640431-4_K.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_640431-4_K.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

Instruction Sheets

Instruction Sheet (U.S.)

English

Ribbon Cable Tooling Assembly for Mass Termination Assembly

English