



RECTANGULAR POWER CONNECTORS



✓ Active

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TE CONNECTIVITY (TE)

03P MTA156 CONN ASSY 18AWG ORA

[MTA](#) | [MTA156](#)

640426-3

TE Internal Number: 640426-3

Alias ID: 4-27051-2264

[Not EU RoHS or ELV Compliant](#)

[Find Compliant Alternatives](#)

Product Type **Connector Assembly**

Housing Type **Receptacle**

Connector System **Wire-to-Post**

Applies To **Wire/Cable**

Contact Current Rating (A) **7**

Product Drawings

[MTA 156 CONNECTOR ASSEMBLY, 18 AWG, STANDARD](#)

PDF
English

CAD Files

[Customer View Model](#)

2D_DXF.ZIP
English

[3D PDF](#)

PDF
3D

[Customer View Model](#)

3D_IGS.ZIP
English

[Customer View Model](#)

3D_STP.ZIP
English

Catalog Pages/Data Sheets

[MTA, CST-100 II, SL-156 And AMP Economy Power \(EP\) Connectors](#)

PDF
English

Product Specifications

Product Specification

[Connector, MTA 156, Wire-To-Wire System](#)

PDF
English

Application Specification

[MTA 156 Connectors](#)

PDF
English

Product Environmental Compliance

TE Material Declaration

[MD_640426-3_06092014757_dmtec](#)

PDF
English

Drawing for all design activity.

Product Type Features	Product Type	Connector Assembly
	Housing Type	Receptacle
	Contact Type	Socket
Configuration Features	Number of Positions	3
	Centerline	3.96 mm [.156 in]
	Number of Rows	1
	Contact Layout	Inline
Electrical Characteristics	Contact Current Rating (A)	7
	Operating Voltage (VAC)	600
Contact Features	Contact Retention	With
	Contact Termination Area Plating Material	Tin
	Contact Mating Area Plating Material	Tin-Lead
	Contact Mating Area Plating Thickness	2.03 – 5.08 µm [80 – 200 µin]
	Contact Base Material	Copper Alloy
	Contact Mating Area Plating Material Finish	Bright
	Contact Termination Area Plating Thickness	2.03 – 5.08 µm [80 – 200 µin]
	Contact Retention Type	Locking Lance
Termination Features	Wire/Cable Size (AWG)	18
	Wire/Cable Size (mm²)	.8 – .9
	Termination Method to Wire/Cable	Insulation Displacement Crimp (IDC)
	Wire Type	Stranded
	Wire/Cable Type	Discrete Wire
Mechanical Attachment	Mating Alignment	Without
	Mating Retention	With
	PCB Mount Retention	Without
	PCB Mount Alignment	Without
	Mating Retention Type	Locking Ramp
	Panel Mount Retention	Without
	Strain Relief	With

Housing Features	UL Flammability Rating	UL 94V-2
	Housing Color	White
	Housing Material	Nylon
	Cable Exit Angle	90°
	Housing Style	Standard Profile
	Wire/Cable Installation Type	Closed End
Dimensions	Accepts Wire Insulation Diameter Range	2.41 mm [.095 in]
	Height	9.02 mm [.355 in]
	Length	11.89 mm [.468 in]
Usage Conditions	Sealed Condition	Not Sealed
Operation/Application	Connector System	Wire-to-Post
	Applies To	Wire/Cable
	Operating Temperature	-55 – 105 °C [-67 – 221 °F]
Industry Standards	CSA Rating	Certified
	Agency/Standard Number	E28476
	UL Rating	Recognized
	CSA File Number	LR7189
	Agency/Standard	CSA, UL
Packaging Features	Packaging Method	Bag/Box
	Packaging Quantity	500
Other	Backwall/Post Interruptions	Without
	For Use With	MTA .156 Header
Product Compliance	Statement of Compliance PDF	
	VIEW ALL PRODUCT COMPLIANCE	



Relation Type



RELATIONSHIP

Mating Products

Used to identify Mating Parts

[See All Mating Products](#)

PRODUCT - MATING PRODUCTS



Connectors - W-T-B Headers & Receptacles
MTA | MTA156

**03P MTA156 PSTD
CONN ASSY ORNG
- 641522-3**

TE INTERNAL NUMBER: 641522-3

✓ Active

Not EU RoHS or ELV Compliant

Centerline **3.96 mm**

Number of Positions **3**

Number of Rows **1**

Contact Mating Area Plating

Material **Tin-Lead**

Contact Mating Area Plating

Material Finish **Bright**

RELATIONSHIP

Mating Products

Used to identify Mating Parts

[See All Mating Products](#)

PRODUCT - MATING PRODUCTS



Connectors - Rectangular Power Connectors
MTA | MTA156

**03P MTA156 POL HDR
ASSY LF - 3-644615-3**

TE INTERNAL NUMBER: 3-644615-3

✓ Active

Always EU RoHS/ELV Compliant

RELATIONSHIP

Mating Products

Used to identify Mating Parts

[See All Mating Products](#)

PRODUCT - MATING PRODUCTS



Connectors - W-T-B Headers & Receptacles
MTA | MTA156

**03P MTA156 HDR POL
WO PEGS LF
- 3-644611-3**

TE INTERNAL NUMBER: 3-644611-3

✓ Active

Always EU RoHS/ELV Compliant

Centerline **3.96 mm**

Number of Positions **3**

PCB Mounting Orientation

Vertical

PCB Mounting Style **Through
Hole**

Number of Rows **1**