



CONNECTORS

RECTANGULAR POWER CONNECTORS



TE CONNECTIVITY (TE)

15P MTA156 CONN ASSY 18AWG ORA

MTA | MTA156

1-643817-5

TE Internal Number: 1-643817-5

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**

✓ Active

↓ **PRODUCT DRAWING**
English

↓ **3D PDF**



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 Ribbon Cable Connector Assemblies (English And Spanish) PDF English
	MTA 156 Ribbon Cable Connector Assemblies (English And Spanish) TIF English
	MTA 156 Ribbon Cable Connector Assemblies (English And Spanish) PDF Japanese
	MTA 156 Ribbon Cable Connector Assemblies (English And Spanish) TIF Japanese

Please review product documents or [contact us](#) for the latest agency approval information. Please Note: Use the Product Drawing for all design activity.

Product Type Features	Product Type	Connector Assembly
	Housing Type	Receptacle
	Contact Type	Socket
Configuration Features	Number of Positions	15
	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-Lead
	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 µm [80 µin]
	Contact Retention Type	Locking Lance
Termination Features	Wire/Cable Size (AWG)	18
	Wire/Cable Size (mm ²)	.8 – .9
	Termination Method to Wire/Cable	Insulation Displacement Crimp (IDC)
	Wire Type	Stranded

Wire/Cable Type **Discrete Wire**

Mechanical Attachment

Mating Alignment	With
Mating Retention	With
PCB Mount Retention	Without
Mating Alignment Type	Polarizing Tab
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 6/6
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 (mm)	9.02
Length (mm)	59.44

Usage Conditions

Sealed Condition	Not Sealed
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Operation/Application

Connector System	Wire-to-Post
Applies To	Wire/Cable
Operating Temperature	-55 – 105 °C [-67 – 221 °F]
Circuit Application	Power

Industry Standards

CSA Rating	Certified
Agency/Standard Number	E28476
UL Rating	Recognized
CSA File Number	LR7189
Agency/Standard	CSA, UL

Packaging Features

Packaging Method	Box/Carton
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Other

Backwall/Post Interruptions

Without

For Use With

MTA .156 Header

Product Compliance

[Statement of Compliance](#)
PDF

[VIEW ALL PRODUCT COMPLIANCE](#)

