



RECTANGULAR POWER CONNECTORS



TE CONNECTIVITY (TE)

06P MTA156 CONN ASSY 18AWG ORA

MTA | MTA156

640599-6

TE Internal Number: 640599-6

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

Product Environmental Compliance

TE Material Declaration

[MD_640599-6_042120152344_dmtec](#)
PDF
English

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	6
	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 – 5.08 µm [80 – 200 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	Without
	Mating Retention	With
	PCB Mount Retention	Without

	PCB Mount Alignment	Without
	Mating Retention Type	Locking Ramp
	Panel Mount Retention	Without
	Strain Relief	With
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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	Feed Through
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Dimensions	Accepts Wire Insulation Diameter Range	2.41 mm [.095 in]
	Height	9.78 mm [.385 in]
	Length	23.77 mm [.936 in]
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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]
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Industry Standards	CSA Rating	Certified
	Agency/Standard Number	E28476
	UL Rating	Recognized
	CSA File Number	LR7189
	Agency/Standard	CSA, UL
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Packaging Features	Packaging Method	Bag/Box
	Packaging Quantity	250
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Other	Backwall/Post Interruptions	Without
	For Use With	MTA .156 Header
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Product Compliance

[Statement of Compliance](#)
PDF

[VIEW ALL PRODUCT COMPLIANCE](#)

Products - 29 Results

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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

**06P MTA156 POST CON
ASSY ORNG - 3-641522-6**
TE INTERNAL NUMBER: 3-641522-6

Active

Always EU RoHS/ELV Compliant

Centerline **3.96 mm**

Number of Positions **6**

Number of Rows **1**

Contact Mating Area Plating
Material **Tin**

Contact Mating Area Plating
Material Finish **Matte**



RELATIONSHIP

Mating Products

Used to identify Mating Parts

[See All Mating Products](#)

PRODUCT - MATING PRODUCTS



Connectors - Rectangular Power Connectors
MTA | MTA156

**06P MTA156 HDR ASY
PO RA FB LF
- 3-644617-6**
TE INTERNAL NUMBER: 3-644617-6

Active

Always EU RoHS/ELV Compliant



RELATIONSHIP

Mating Products

Used to identify Mating Parts

[See All Mating Products](#)

PRODUCT - MATING PRODUCTS



Connectors - Rectangular Power Connectors
MTA | MTA156

**06P MTA156 CONN
ASSY ORNG - 3-641435-6**
TE INTERNAL NUMBER: 3-641435-6

Active

Always EU RoHS/ELV Compliant

Product Type **Connector
Assembly**

Housing Type **Plug**

Connector System **Wire-to-Wire**

Applies To **Wire/Cable**

Contact Current Rating **7 A**



