



RECTANGULAR POWER CONNECTORS



TE CONNECTIVITY (TE)

03P MTA156 CONN ASSY ORNG

MTA | MTA156

641435-3

TE Internal Number: 641435-3

Not EU RoHS or ELV Compliant

[Find Compliant Alternatives](#)

Product Type **Connector Assembly**

Housing Type **Plug**

Connector System **Wire-to-Wire**

Applies To **Wire/Cable**

Contact Current Rating (A) **7**

✓ Active

↓ **PRODUCT DRAWING**
English

↓ **3D PDF**

Product Drawings

[MTA 156 KR 18 AWG](#)

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

Instruction Sheets

Instruction Sheet (U.S.)

[MTA Terminating Head 58082-1](#)

PDF
English

Drawing for all design activity.

Product Type Features	Product Type	Connector Assembly
	Housing Type	Plug
	Contact Type	Pin

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-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
	Underplate Material Thickness	1.27 µm [50 µin]
	Contact Termination Area Plating Thickness	2.03 µm [80 µin]
	Underplate Material	Nickel
	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	Polarization
	PCB Mount Alignment	Without
	Mating Retention Type	Latch

	Panel Mount Retention	Without
	Strain Relief	With
Housing Features	UL Flammability Rating	UL 94V-2
	Housing Color	White
	Housing Material	Nylon - GF
	Cable Exit Angle	90°
	Wire/Cable Installation Type	Closed End
Dimensions	Accepts Wire Insulation Diameter Range	2.41 mm [.095 in]
	Height (mm)	12.37
	Length (mm)	15.85
Usage Conditions	Sealed Condition	Not Sealed
Operation/Application	Connector System	Wire-to-Wire
	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	Package
	Packaging Quantity	2000
Other	Backwall/Post Interruptions	Without
	For Use With	MTA .156 Connector Assembly
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 - Rectangular Power Connectors
MTA | MTA156

03P MTA156 CONN
ASSY 18AWG ORA
- 640426-3

TE INTERNAL NUMBER: 640426-3
ALIAS ID: 4-27051-2264

Active

Not EU RoHS or ELV Compliant

Product Type Connector

Assembly

Housing Type Receptacle

Connector System Wire-to-Post

Applies To Wire/Cable

Contact Current Rating 7 A



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 CONN
ASSY ON TAPE
- 640472-3

TE INTERNAL NUMBER: 640472-3

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

Thickness 2.03 – 5.08 µm



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 ASSY ON
TAPE LF - 3-640472-3

TE INTERNAL NUMBER: 3-640472-3

Active

Always EU RoHS/ELV Compliant

Centerline 3.96 mm

Number of Positions 3

Number of Rows 1

Contact Mating Area Plating

Material Tin

Contact Mating Area Plating

Thickness 2.03 – 5.08 µm



