



HEADERS & RECEPTACLES



TE CONNECTIVITY (TE)

08P MTA156 CONN ASSY 18AWG ORA

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

640604-8

TE Internal Number: 640604-8

[Not EU RoHS or ELV Compliant](#)

[Find Compliant Alternatives](#)

Centerline **3.96 mm [.156 in]**

Number of Positions **8**

Number of Rows **1**

Contact Mating Area Plating Material **Tin-Lead**

Contact Mating Area Plating Material Finish **Bright**

✓ 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

Instruction Sheets

Instruction Sheet (U.S.)

Ribbon Cable Tooling Assembly For Mass Termination Assembly
PDF
English

Ribbon Cable Tooling Assembly For Mass Termination Assembly
TIF
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
	Connector Type	Connector Assembly
	Connector System	Wire-to-Post
	Wire/Cable Type	Discrete Wire, Stranded
	Strain Relief	With
	Sealed	No
	Connector Style	Receptacle
	Applies To	Wire/Cable
	Connector Design	Feed Through
Configuration Features	Number of Positions	8
	Number of Rows	1
	Backwall/Post Interruptions	Without
Electrical Characteristics	Operating Voltage (VAC)	600
Body Features	Cable Exit Angle	90°
Contact Features	Contact Mating Area Plating Material	Tin-Lead
	Contact Mating Area Plating Material Finish	Bright
	Contact Mating Area Plating Thickness	2.03 – 5.08 µm [80 – 200 µin]
	Contact Termination Area Plating Thickness	2.03 – 5.08 µm [80 – 200 µin]
	Contact Termination Area Plating Material	Tin-Lead
	Contact Type	Socket
	Contact Current Rating (A)	7
	Contact Layout	Inline
	Contact Termination Area Plating Material Finish	Bright
	Contact Base Material	Copper Alloy

Termination Features	Termination Method to Wire/Cable	IDC
Mechanical Attachment	PCB Mount Alignment	Without
	Mating Retention	Without
	PCB Mount Retention	Without
	Contact Retention	With
	Contact Retention Type	Locking Lance
	Panel Mount Retention	Without
	Mating Alignment	Without
Housing Features	Centerline	3.96 mm [.156 in]
	Housing Color	White
	Housing Style	Standard
	Housing Material	Nylon
Dimensions	Height	9.78 mm [.385 in]
	Wire/Cable Size (AWG)	18
	Wire/Cable Size (mm ²)	.8 – .9
	Insulation Diameter	2.41 mm [.095 in]
	Length	31.7 mm [1.248 in]
Usage Conditions	Operating Temperature Range	-55 – 105 °C [-67 – 221 °F]
Operation/Application	For Use With	MTA .156 Header
	Pick and Place Cover	Without
Industry Standards	UL Flammability Rating	UL 94V-2
	UL File Number	E28476
	CSA Rating	Certified
	Agency/Standard	CSA, UL
	CSA File Number	LR7189
	UL Rating	Recognized
Packaging Features	Packaging Method	Bag/Box
	Packaging Quantity	250

Product Compliance

[Statement of Compliance](#)
PDF

[VIEW ALL PRODUCT COMPLIANCE](#)

Products - 18 Results

[View All](#)

Compare 0/10

Relation Type

RELATIONSHIP

Mating Products

Used to identify Mating Parts

[See All Mating Products](#)



PRODUCT - MATING PRODUCTS

Connectors - Rectangular Power Connectors

MTA | MTA156

08P MTA156 HDR ASSY

RN STR F/L - 644753-8

TE INTERNAL NUMBER: 644753-8

Always EU RoHS/ELV Compliant



✓ Active

RELATIONSHIP

Mating Products

Used to identify Mating Parts

[See All Mating Products](#)



PRODUCT - MATING PRODUCTS

Connectors - Rectangular Power Connectors

MTA | MTA156

08P MTA156 SHRD HDR

ASSY SQ SN - 2-647123-8

TE INTERNAL NUMBER: 2-647123-8

Always EU RoHS/ELV Compliant



✓ Active

RELATIONSHIP

Mating Products

Used to identify Mating Parts

[See All Mating Products](#)



PRODUCT - MATING PRODUCTS

Connectors - Rectangular Power Connectors

MTA | MTA156

08P MTA156 HDR ASSY

SQ R/A R/B - 640387-8

TE INTERNAL NUMBER: 640387-8

Always EU RoHS/ELV Compliant



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✓ Active