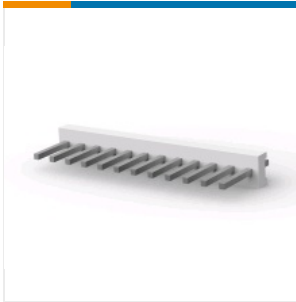




CONNECTORS

RECTANGULAR POWER CONNECTORS



TE CONNECTIVITY (TE)

12P MTA156 HDR ASSY STR SQ SN

MTA | MTA156

1-640383-2

TE Internal Number: 1-640383-2

Always EU RoHS/ELV Compliant

Product Type **Header**

Housing Type **Plug**

Connector System **Wire-to-Board**

Applies To **Printed Circuit Board**

Contact Current Rating (A) **7**

✓ Active

↓ **PRODUCT DRAWING**
English

↓ **3D PDF**



Product Drawings

[MTA-156 HEADER ASSEMBLY, PLAIN, STRAIGHT, .045 SQUARE POST, TIN PLATED](#)

PDF
English

CAD Files

[Customer View Model](#)

3D_STP.ZIP
English

[Customer View Model](#)

2D_DXF.ZIP
English

[3D PDF](#)

PDF
3D

[Customer View Model](#)

3D_IGS.ZIP
English

Catalog Pages/Data Sheets

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

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	Header
	Housing Type	Plug
	Contact Type	Pin, Tab
	Header Type	Unshrouded

Configuration Features	Number of Positions	12
	Centerline	3.96 mm [.156 in]
	PCB Mounting Orientation	Vertical
	Number of Rows	1
	Contact Layout	Inline

Electrical Characteristics	Contact Current Rating (A)	7
	Operating Voltage (VAC)	600

Contact Features	Contact Retention	Without
	Contact Termination Area Plating Material	Tin
	Contact Mating Area Plating Material	Tin
	Contact Mating Area Plating Thickness	2.54 µm [100 µin]
	Contact Base Material	Copper Alloy
	Underplate Material Thickness	1.27 µm [50 µin]
	Contact Termination Area Plating Thickness	2.54 µm [100 µin]
	Underplate Material	Nickel

Termination Features	Termination Method to Wire/Cable	Solder
	Termination Method to PC Board	Through Hole - Solder
	Termination Post/Tail Length	3.18 mm [.125 in]

Mechanical Attachment	Mating Alignment	Without
	Mating Retention	Without
	PCB Mount Retention	Without
	PCB Mount Alignment	Without
	Panel Mount Retention	Without
	Strain Relief	Without

Housing Features	UL Flammability Rating	UL 94V-0
	Housing Color	Natural
	Housing Material	Polyester - GF
Dimensions	Mating Post Length	10.16 mm [.4 in]
	PCB Thickness (Recommended)	1.6 mm [.063 in]
	Length	47.55 mm [1.872 in]
Usage Conditions	Sealed Condition	Not Sealed
Operation/Application	Connector System	Wire-to-Board
	Applies To	Printed Circuit Board
	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	Package
	Packaging Quantity	500
Other	Backwall/Post Interruptions	Without
	For Use With	MTA .156 Connector Assembly or SL .156 Connector Assembly
Product Compliance	Statement of Compliance PDF VIEW ALL PRODUCT COMPLIANCE	



