CONNECTORS

HEADERS & RECEPTACLES

Active

PRODUCT DRAWING
English

3D PDF

TE CONNECTIVITY (TE)

20P MTA156 HDR ASSY SQ R/A

MTA | MTA156

2-640385-0
TE Internal Number: 2-640385-0

Always EU RoHS/ELV Compliant

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

Number of Positions **20**

PCB Mounting Orientation **Right Angle**

PCB Mounting Style **Through Hole**

Number of Rows **1**

Product Drawings	MTA-156 HEADER ASSEMBLY, PLAIN, RIGHT ANGLE, .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	PCB Mounting Orientation	**Right Angle**
	Product Type	**Connector**
	Connector Type	**Header**
	Connector System	**Wire-to-Board**
	Strain Relief	**Without**

	Sealed	**No**
	Connector Style	**Plug**
	Applies To	**Printed Circuit Board**
Configuration Features	Number of Positions	**20**
	Number of Rows	**1**
	Backwall/Post Interruptions	**Without**
Electrical Characteristics	Operating Voltage (VAC)	**600**
Body Features	Header Type	**Unshrouded**
Contact Features	Contact Mating Area Plating Material	**Tin**
	Contact Mating Area Plating Thickness	**2.54 µm [100 µin]**
	Underplate Material	**Nickel**
	Underplate Material Thickness	**1.27 µm, 50 µin**
	Contact Style	**Right Angle**
	Contact Shape	**Square**
	Contact Termination Area Plating Material	**Tin**
	Tail Plating Material	**Tin**
	Tail Plating Thickness	**2.54 µm [100 µin]**
	Contact Type	**Pin**
	Contact Current Rating (A)	**7**
	Contact Layout	**Inline**
	Contact Base Material	**Copper Alloy**
Termination Features	Termination Method to PC Board	**Through Hole - Solder**
	Termination Method to Wire/Cable	**Solder**
Mechanical Attachment	PCB Mounting Style	**Through Hole**
	PCB Mount Alignment	**Without**
	Mating Retention	**Without**
	PCB Mount Retention	**Without**
	Contact Retention	**Without**
	Panel Mount Retention	**Without**
	Mating Alignment	**Without**

Housing Features	Centerline	**3.96 mm [.156 in]**
	Housing Color	**Natural**
	Housing Style	**Plain Flat**
	Housing Material	**Polyester - GF**
Dimensions	Tail Length	**3.18 mm [.125 in]**
	Mating Post Length	**9.906 mm [.39 in]**
	PCB Thickness (Recommended)	**1.6 mm [.063 in]**
	Length	**79.25 mm [3.12 in]**
Usage Conditions	Operating Temperature Range	**-55 – 105 °C [-67 – 221 °F]**
Operation/Application	For Use With	**MTA .156 Connector Assembly or SL .156 Connector Assembly**
	Pick and Place Cover	**Without**
Industry Standards	UL Flammability Rating	**UL 94V-0**
	UL File Number	**E28476**
	CSA Rating	**Certified**
	Agency/Standard	**CSA, UL**
	CSA File Number	**LR7189**
	UL Rating	**Recognized**
Packaging Features	Packaging Method	**Package**
	Packaging Quantity	**250**
Product Compliance	Statement of Compliance PDF	
	VIEW ALL PRODUCT COMPLIANCE	

Products - 38 Results

View All

Compare 0/10

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

20P MTA156 CONN ASSY 24AWG LF - 5-640602-0

TE INTERNAL NUMBER: 5-640602-0

✔ Active

Always EU RoHS/ELV Compliant

Centerline **3.96 mm**

Number of Positions **20**

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 - W-T-B Headers & Receptacles
MTA | MTA156

20P MTA156 CONN ASSY 24AWG WHT - 5-640429-0

TE INTERNAL NUMBER: 5-640429-0

✔ Active

Always EU RoHS/ELV Compliant

Centerline **3.96 mm**

Number of Positions **20**

Number of Rows **1**

Contact Mating Area Plating Material **Tin**

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 - Wire-to-Board Connector Housings
MTA | SL-156

20P SL156 HSG W/LCK RAMP NATL - 2-640250-0

TE INTERNAL NUMBER: 2-640250-0

✔ Active

Always EU RoHS/ELV Compliant

Centerline **3.96 mm**

Number of Positions **20**

Number of Rows **1**

Color **Natural**

Mating Retention **With**