



RECTANGULAR POWER CONNECTORS



TE CONNECTIVITY (TE)

16P MTA156 HDR ASSY FL/STR SN

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

1-640445-6

TE Internal Number: 1-640445-6

[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, FRICTION LOCK, STRAIGHT .045 SQUARE POST, TIN PLATED](#)

PDF
English

CAD Files

[Customer View Model](#)

3D_IGS.ZIP
English

[Customer View Model](#)

3D_STP.ZIP
English

[Customer View Model](#)

2D_DXF.ZIP
English

[3D PDF](#)

PDF
3D

Catalog Pages/Data Sheets

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

PDF
English

Product Environmental Compliance

TE Material Declaration

[16P MTA156 HDR ASSY FL/STR SN](#)

PDF
English

[MD_1-640445-6_07072014226_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	Header
	Housing Type	Plug
	Contact Type	Pin, Tab
	Header Type	Unshrouded
Configuration Features	Number of Positions	16
	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	With
	PCB Mount Retention	Without
	PCB Mount Alignment	Without
	Mating Retention Type	Friction Lock
	Panel Mount Retention	Without
	Strain Relief	Without
Housing Features	UL Flammability Rating	UL 94V-0
	Housing Color	Natural

Housing Material **Polyester**

Dimensions	Mating Post Length	10.16 mm [.4 in]
	Height	10.79 mm [.425 in]
	PCB Thickness (Recommended)	1.6 mm [.063 in]
	Length	63.4 mm [2.496 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](#)

CUSTOMERS ALSO BOUGHT

<p>RECTANGULAR POWER CONNECTORS</p>  <p>18P MTA156 HDR ASSY FL/STR SN 1-640445-8</p>	<p>SIGNAL RELAYS</p>  <p>JWD-171-17=REED RELAYS JWD-171-17</p>	<p>WIRE-TO-BOARD CONNECTOR HOUSINGS</p>  <p>16P SL156 HSG W/LCK RAMP NATL 1-640250-6</p>	<p>THROUGH-HOLE RESISTORS</p>  <p>YR1 0.1% 21R5 YR1B21R5CC</p>
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RELATIONSHIP

Mating Products

Used to identify Mating Parts

[See All Mating Products](#)



PRODUCT - MATING PRODUCTS

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

**16P MTA156 CONN
ASSY 24AWG WHT**
- 4-640434-6

TE INTERNAL NUMBER: 4-640434-6

✓ Active

Always EU RoHS/ELV Compliant

Centerline **3.96 mm**

Number of Positions **16**

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

**16P MTA156 CONN
ASSY 26AWG LF**
- 4-640608-6

TE INTERNAL NUMBER: 4-640608-6

✓ Active

Always EU RoHS/ELV Compliant

Centerline **3.96 mm**

Number of Positions **16**

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

16P SL156 HSG W/RAMP,

Always EU RoHS/ELV Compliant

Centerline **3.96 mm**

Number of Positions **16**

✓



LRG OPEN - 1-64/401-6

TE INTERNAL NUMBER: 1-647401-6

✓ Active

Number of Rows **1**

Color **Natural**

Mating Retention **With**