



RECTANGULAR POWER CONNECTORS



TE CONNECTIVITY (TE)

10P MTA156 CONN ASSY 18AWG ORA

MTA | MTA156

4-640431-0

TE Internal Number: 4-640431-0

Always EU RoHS/ELV Compliant

Product Type **Connector Assembly**

Housing Type **Receptacle**

Connector System **Wire-to-Post**

Applies To **Wire/Cable**

Contact Current Rating (A) **7**

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

[System, Connector/Header, MTA 156](#)

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

Product Environmental Compliance

TE Material Declaration

[MD_4-640431-0_0505201497_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 | Connector Assembly |
| | Housing Type | Receptacle |
| | Contact Type | Socket |
| Configuration Features | Number of Positions | 10 |
| | 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 |
| | Contact Mating Area Plating Material | Tin |
| | Contact Mating Area Plating Thickness | 2.03 – 5.08 µm [80 – 200 µin] |
| | Contact Base Material | Copper Alloy |
| | Contact Termination Area Plating Thickness | 2.03 – 5.08 µm [80 – 200 µin] |
| | 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 | Without |
| | Mating Retention | Without |





| | | |
|-----------------------|--|--------------------------------------|
| | PCB Mount Retention | Without |
| | PCB Mount Alignment | Without |
| | Panel Mount Retention | Without |
| | Strain Relief | With |
| <hr/> | | |
| Housing Features | UL Flammability Rating | UL 94V-2 |
| | Housing Color | White |
| | Housing Material | Nylon |
| | Cable Exit Angle | 90° |
| | Housing Style | Standard Profile |
| | Wire/Cable Installation Type | Closed End |
| <hr/> | | |
| Dimensions | Accepts Wire Insulation Diameter Range | 2.41 mm [.095 in] |
| | Height | 9.02 mm [.355 in] |
| | Length | 39.62 mm [1.56 in] |
| <hr/> | | |
| Usage Conditions | Sealed Condition | Not Sealed |
| <hr/> | | |
| Operation/Application | Connector System | Wire-to-Post |
| | Applies To | Wire/Cable |
| | Operating Temperature | -55 – 105 °C [-67 – 221 °F] |
| <hr/> | | |
| Industry Standards | CSA Rating | Certified |
| | Agency/Standard Number | E28476 |
| | UL Rating | Recognized |
| | CSA File Number | LR7189 |
| | Agency/Standard | CSA, UL |
| <hr/> | | |
| Packaging Features | Packaging Method | Bag/Box |
| | Packaging Quantity | 250 |
| <hr/> | | |
| Other | Backwall/Post Interruptions | Without |
| | For Use With | MTA .156 Header |
| <hr/> | | |

Product Compliance

[Statement of Compliance](#)
PDF

[VIEW ALL PRODUCT COMPLIANCE](#)

CUSTOMERS ALSO BOUGHT

| | | | |
|--|--|---|--|
| <p>RECTANGULAR POWER CONNECTORS</p>  <p>10P MTA156 CONN ASSY 18AWG ORA 4-640599-0</p> <p>Save to List Find Similar Products</p> | <p>RECTANGULAR POWER CONNECTORS</p>  <p>10P MTA156 CONN ASSY 18AWG ORA 4-640426-0</p> <p>Save to List Find Similar Products</p> | <p>PCB CONNECTOR COVERS</p>  <p>09P MTA156 MOLDED COVER 643067-9</p> <p>Save to List Find Similar Products</p> | <p>PCB CONNECTOR COVERS</p>  <p>10P MTA156 FD-THRU COVER 1-643071-0</p> <p>Save to List Find Similar Products</p> |
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Relation Type ▼

RELATIONSHIP

Mating Products

Used to identify Mating Parts

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| | | |
|---|--|-------------------------------------|
|  | <p>PRODUCT - MATING PRODUCTS</p> <p>Connectors - Rectangular Power Connectors MTA MTA156</p> <p>10P MTA156 POL LOCK ASSY LF - 4-644615-0 TE INTERNAL NUMBER: 4-644615-0</p> <p>✓ Active</p> <p>Always EU RoHS/ELV Compliant</p> | <input checked="" type="checkbox"/> |
|---|--|-------------------------------------|

RELATIONSHIP

Mating Products

Used to identify Mating Parts

[See All Mating Products](#)

| | | |
|---|---|-------------------------------------|
|  | <p>PRODUCT - MATING PRODUCTS</p> <p>Connectors - W-T-B Headers & Receptacles MTA MTA156</p> <p>10P MTA156 SHRD HDR ASSY LF - 3-647125-0 TE INTERNAL NUMBER: 3-647125-0</p> <p>✓ Active</p> <p>Always EU RoHS/ELV Compliant</p> <p>Centerline 3.96 mm</p> <p>Number of Positions 10</p> <p>PCB Mounting Orientation Right Angle</p> <p>PCB Mounting Style Through Hole</p> <p>Number of Rows 1</p> | <input checked="" type="checkbox"/> |
|---|---|-------------------------------------|

RELATIONSHIP

Mating Products

Used to identify Mating Parts

[See All Mating Products](#)

PRODUCT - MATING PRODUCTS



Connectors - Rectangular Power Connectors
MTA | MTA156

**10P MTA156 HDR ASSY
RN STR F/L - 1-644753-0**

TE INTERNAL NUMBER: 1-644753-0

✓ Active

Always EU RoHS/ELV Compliant

Product Type **Header**

Housing Type **Plug**

Connector System **Wire-to-Board**

Applies To **Printed Circuit Board**

Contact Current Rating **7 A**