



RECTANGULAR POWER CONNECTORS



TE CONNECTIVITY (TE)

04P MTA156 CONN ASSY 18AWG ORA

MTA | MTA156

640599-4

TE Internal Number: 640599-4

Not EU RoHS or ELV Compliant

[Find Compliant Alternatives](#)

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

[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

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 | 4 |
| | 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-Lead |
| | Contact Mating Area Plating Material | Tin-Lead |
| | Contact Mating Area Plating Thickness | 2.03 – 5.08 µm [80 – 200 µin] |
| | Contact Base Material | Copper Alloy |
| | Contact Mating Area Plating Material Finish | Bright |
| | 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 | With |
| | PCB Mount Retention | Without |
| | PCB Mount Alignment | Without |
| | Mating Retention Type | Locking Ramp |
| | Panel Mount Retention | Without |

Strain Relief **With**

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 **Feed Through**

Dimensions

Accepts Wire Insulation Diameter Range **2.41 mm [.095 in]**

Height **9.78 mm [.385 in]**

Length **15.85 mm [.624 in]**

Usage Conditions

Sealed Condition **Not Sealed**

Operation/Application

Connector System **Wire-to-Post**

Applies To **Wire/Cable**

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 **Bag/Box**

Packaging Quantity **250**

Other

Backwall/Post Interruptions **Without**





For Use With **MTA .156 Header**

Product Compliance

[Statement of Compliance](#)
PDF

[VIEW ALL PRODUCT COMPLIANCE](#)

CUSTOMERS ALSO BOUGHT

| | | | |
|--|--|--|---|
| <p>PCB CONNECTOR COVERS</p>  <p>04P MTA156 FD-THRU COVER 643071-4</p> <p>Save to List Find Similar Products</p> | <p>RECTANGULAR POWER CONNECTORS</p>  <p>8P VRT HDR VAL-U-LOK V0 1586038-8</p> <p>Save to List Find Similar Products</p> | <p>RECTANGULAR POWER CONNECTORS</p>  <p>4P VRT HDR VAL-U-LOK V0 1586038-4</p> <p>Save to List Find Similar Products</p> | <p>INSULATION BOOTS & SLEEVES</p>  <p>IS 110 INSUL SLEEVE NAT 170823-1</p> <p>Save to List Find Similar Products</p> |
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Relation Type

RELATIONSHIP

Mating Products

Used to identify Mating Parts

See All Mating Products


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|  | <p>PRODUCT - MATING PRODUCTS</p> <p>Connectors - Rectangular Power Connectors MTA MTA156</p> <p>04P MTA156 SHRD HDR ASSY SQ SN - 2-647123-4</p> <p>TE INTERNAL NUMBER: 2-647123-4</p> <p>Always EU RoHS/ELV Compliant</p> <p>✓ Active</p> |
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|  | <p>PRODUCT - MATING PRODUCTS</p> <p>Connectors - Rectangular Power Connectors MTA MTA156</p> <p>04P MTA156 HDR RA PO WO PEG LF - 3-644613-4</p> <p>TE INTERNAL NUMBER: 3-644613-4</p> <p>Always EU RoHS/ELV Compliant</p> <p>✓ Active</p> |
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RELATIONSHIP

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|---|---|
|  | <p>PRODUCT - MATING PRODUCTS</p> <p>Connectors - Rectangular Power Connectors</p> <p>Always EU RoHS/ELV Compliant</p> |
|---|---|



Connectors - Rectangular Power Connectors
MTA | MTA156

04P MTA156 PSTD CONN ASSY WHT - 3-641438-4

TE INTERNAL NUMBER: 3-641438-4

✓ Active

Always EU RoHS/ELV Compliant

Product Type **Connector
Assembly**

Housing Type **Plug**

Connector System **Wire-to-Wire**

Applies To **Wire/Cable**

Contact Current Rating **7 A**