



RECTANGULAR POWER CONNECTORS



TE CONNECTIVITY (TE)

03P MTA156 CONN ASSY 22AWG RED

MTA | MTA156

3-640428-3

TE Internal Number: 3-640428-3

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 CUSTOMER ASSEMBLY, 22 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 Connectors](#)

PDF
English

Product Environmental Compliance

TE Material Declaration

[MD_3-640428-3_05282014356_dmtec](#)

PDF
English

Drawing for all design activity.

Product Type Features	Product Type	Connector Assembly
	Housing Type	Receptacle
	Contact Type	Socket

Configuration Features	Number of Positions	3
	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 Mating Area Plating Material Finish	Matte
	Underplate Material Thickness	.762 µm [30 µin]
	Contact Termination Area Plating Thickness	2.03 – 5.08 µm [80 – 200 µin]
	Underplate Material	Nickel
	Contact Retention Type	Locking Lance

Termination Features	Wire/Cable Size (AWG)	22
	Wire/Cable Size (mm ²)	.3 – .4
	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 **Closed End**

Dimensions

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

Height **9.02 mm [.355 in]**

Length **11.89 mm [.468 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 **Box/Carton**

Packaging Quantity **500**

Other

Backwall/Post Interruptions **Without**

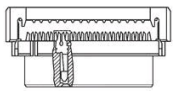

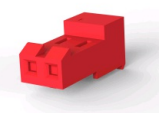

For Use With **MTA .156 Header**

Product Compliance

[Statement of Compliance](#)
PDF

[VIEW ALL PRODUCT COMPLIANCE](#)

CUSTOMERS ALSO BOUGHT

RIBBON CABLE CONNECTORS	TRIMMERS	RECTANGULAR POWER CONNECTORS	RECTANGULAR POWER CONNECTORS
 <p>40, 2MM, 30 DP, LEAD FREE 2-111626-1</p> <p>Save to List Find Similar Products</p>	 <p>416M 100K 416MA104P</p> <p>Save to List Find Similar Products</p>	 <p>02P MTA156 CONN ASSY 22AWG RED 3-640428-2</p> <p>Save to List Find Similar Products</p>	 <p>06P MTA156 CONN ASSY 22AWG RED 3-640428-6</p> <p>Save to List Find Similar Products</p>

Products - 33 Results

[View All](#)

[Compare 0/10](#)


Relation Type ▼

RELATIONSHIP

Mating Products

Used to identify Mating Parts

[See All Mating Products](#)


PRODUCT - MATING PRODUCTS		
	<p>Connectors - W-T-B Headers & Receptacles MTA MTA156</p> <p>03P MTA156 PSTD CONN ASSY RED - 641437-3 TE INTERNAL NUMBER: 641437-3</p> <p>✓ Active</p>	<p>Not EU RoHS or ELV Compliant</p> <p>Centerline 3.96 mm</p> <p>Number of Positions 3</p> <p>Number of Rows 1</p> <p>Contact Mating Area Plating Material Tin-Lead</p> <p>Contact Mating Area Plating Material Finish Bright</p>

RELATIONSHIP

Mating Products

Used to identify Mating Parts

[See All Mating Products](#)

PRODUCT - MATING PRODUCTS		
	<p>Connectors - Rectangular Power Connectors MTA MTA156</p> <p>03P MTA156 HDR ASSY SQ STR F/L - 644752-3 TE INTERNAL NUMBER: 644752-3</p> <p>✓ Active</p>	<p>Always EU RoHS/ELV Compliant</p>

RELATIONSHIP

Mating Products

Used to identify Mating Parts

[See All Mating Products](#)

PRODUCT - MATING PRODUCTS



Connectors - Rectangular Power Connectors
MTA | MTA156

Always EU RoHS/ELV Compliant

**03P MTA156 HDR ASSY
FL/STR SN - 640445-3**

TE INTERNAL NUMBER: 640445-3
ALIAS ID: 651-1102-01

✓ Active