



RECTANGULAR POWER CONNECTORS



TE CONNECTIVITY (TE)

03P MTA156 CONN ASSY 18AWG ORA

MTA | MTA156

3-640426-3

TE Internal Number: 3-640426-3

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 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 Connectors](#)

PDF
English

Product Environmental Compliance

TE Material Declaration

[MD_3-640426-3_05092013736_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)	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	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
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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

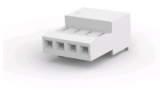



Packaging Features	Packaging Method	Bag/Box
	Packaging Quantity	500

Other	Backwall/Post Interruptions	Without
	For Use With	MTA .156 Header

Product Compliance [Statement of Compliance](#)
PDF

[VIEW ALL PRODUCT COMPLIANCE](#)

CUSTOMERS ALSO BOUGHT

WIRE-TO-BOARD HEADERS & RECEPTACLES	SPLICES	CRIMP RINGS & SPADES	CRIMP RINGS & SPADES
			
04P MTA100 CONN ASSY WHT 640441-4	SPLICE, CE, 22-12 329251	SOLIS R 22-16 COMM 22-18MIL 10 8-34109-1	PIDG R 22-16 COMM 22-18MIL 8 8-31886-1
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Products - 33 Results

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Relation Type ▼

RELATIONSHIP

Mating Products

Used to identify Mating Parts

[See All Mating Products](#)


PRODUCT - MATING PRODUCTS		<input checked="" type="checkbox"/>
	Connectors - Rectangular Power Connectors MTA MTA156 03P MTA156 SHRD HDR ASSY LF - 2-647127-3 TE INTERNAL NUMBER: 2-647127-3 ✓ Active	Always EU RoHS/ELV Compliant

RELATIONSHIP

Mating Products

Used to identify Mating Parts

[See All Mating Products](#)

PRODUCT - MATING PRODUCTS		<input checked="" type="checkbox"/>
	Connectors - W-T-B Headers & Receptacles MTA MTA156 03P MTA156 PSTD CONN ASSY ORNG - 641522-3 TE INTERNAL NUMBER: 641522-3 ✓ Active	Not EU RoHS or ELV Compliant Centerline 3.96 mm Number of Positions 3 Number of Rows 1 Contact Mating Area Plating Material Tin-Lead Contact Mating Area Plating Material Finish Bright

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
STR RND SN - 640384-3

TE INTERNAL NUMBER: 640384-3

✓ Active