



RECTANGULAR POWER CONNECTORS



TE CONNECTIVITY (TE)

05P MTA156 CONN ASSY 18AWG ORA

MTA | MTA156

3-640599-5

TE Internal Number: 3-640599-5

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

[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	5
	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	Feed Through
Dimensions	Accepts Wire Insulation Diameter Range	2.41 mm [.095 in]
	Height	9.78 mm [.385 in]
	Length	19.81 mm [.78 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	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

PCB CONNECTOR COVERS	WIRE-TO-BOARD CONNECTOR CONTACTS	RECTANGULAR POWER CONNECTORS	PRO-CRIMPER & DIES
 <p>05P MTA156 FD-THRU COVER 643071-5</p> <p>Save to List Find Similar Products</p>	 <p>POSITIVE LOCK RECEPT MKI 160773-4</p> <p>Save to List Find Similar Products</p>	 <p>02P MTA156 CONN ASSY 18AWG ORA 3-644465-2</p> <p>Save to List Find Similar Products</p>	 <p>PREM SDE DIE, BNC COAXICON 91909-1</p> <p>Save to List Find Similar Products</p>

Products - 18 Results

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Relation Type ▼

RELATIONSHIP

Mating Products

Used to identify Mating Parts

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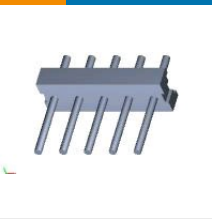
PRODUCT - MATING PRODUCTS		<input checked="" type="checkbox"/>
	<p>Connectors - Rectangular Power Connectors MTA MTA156</p> <p>05P MTA156 HDR ASSY FL/STR SN - 640445-5</p> <p>TE INTERNAL NUMBER: 640445-5 ALIAS ID: 2-42934-1424, 651-1050-01</p> <p>✓ Active</p>	<p>Always EU RoHS/ELV Compliant</p>

RELATIONSHIP

Mating Products

Used to identify Mating Parts

[See All Mating Products](#)

PRODUCT - MATING PRODUCTS		<input checked="" type="checkbox"/>
	<p>Connectors - W-T-B Headers & Receptacles MTA MTA156</p> <p>05P MTA156 HDR ASSY STR RND SN - 644750-5</p> <p>TE INTERNAL NUMBER: 644750-5</p> <p>✓ Active</p>	<p>Always EU RoHS/ELV Compliant</p> <p>Centerline 3.96 mm</p> <p>Number of Positions 5</p> <p>PCB Mounting Orientation Vertical</p> <p>PCB Mounting Style Through Hole</p> <p>Number of Rows 1</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

**05P MTA156 HDR ASSY
STR RND SN - 640384-5**

TE INTERNAL NUMBER: 640384-5

✓ Active