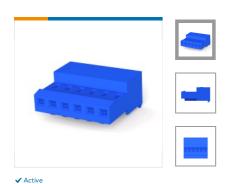


## **HEADERS & RECEPTACLES**





TE CONNECTIVITY (TE)
06P MTA100 CONN ASSY BLU

MTA | MTA-100

3-640442-6

TE Internal Number: 3-640442-6

Always EU RoHS/ELV Compliant

Centerline 2.54 mm [.1 in]

Number of Positions 6

Number of Rows 1

Contact Mating Area Plating Material **Tin** 

Contact Mating Area Plating Material Finish Matte

PRODUCT DRAWING English

3D PDF

**Product Drawings** 

MTA 100 CONNECTOR ASSEMBLY, 26 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** 

Application Specification MTA 100 Connector

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

Connector Type

Connector Assembly

Connector Custom

Wire to Dest

	Connector system	WII e-to-rost	
	Wire/Cable Type	Discrete Wire, Stranded	
	Strain Relief	With	
	Sealed	No	
	Connector Style	Receptacle	
	Applies To	Wire/Cable	
	Connector Design	Closed End	
Configuration Features	Number of Positions	6	
	Number of Rows	1	
	Backwall/Post Interruptions	Without	
Electrical Characteristics	Operating Voltage (VAC)	250	
Body Features	Cable Exit Angle	90°	
Contact Features	Contact Mating Area Plating Material	Tin	
	Contact Mating Area Plating Material Finish	Matte	
	Contact Mating Area Plating Thickness	2.03 – 5.08 μm [ 80 – 200 μin ]	
	Underplate Material	Nickel	
	Contact Termination Area Plating Thickness	2.03 – 5.08 μm [ 80 – 200 μin ]	
	Underplate Material Thickness	.762 μm, 30 μin	
	Contact Termination Area Plating Material	Tin	
	Contact Type	Socket	
	Contact Current Rating (A)	5	
	Contact Layout	Inline	
	Contact Termination Area Plating Material Finish	Matte	
	Contact Base Material	Copper Alloy	
Termination Features	Termination Method to Wire/Cable	IDC	
Mechanical Attachment	PCB Mount Alignment	Without	
	Mating Retention	With	
	PCB Mount Retention	Without	
	Contact Retention	With	
	Contact Retention Type	Locking Lance	
	Mating Retention Type	Locking Ramp	

	Panel Mount Retention	Without	
	Mating Alignment	Without	
Housing Features	Centerline	2.54 mm [ .1 in ]	
	Housing Color	White	
	Housing Style	Standard	
	Housing Material	Nylon	
Dimensions	Height	6.99 mm [ .275 in ]	
	Wire/Cable Size (AWG)	26	
	Wire/Cable Size (mm²)	.12 – .15	
	Insulation Diameter	1.52 mm [ .06 in ]	
	Length	15.24 mm [ .6 in ]	
Jsage Conditions	Operating Temperature Range	-55 – 105 °C [-67 – 221 °F]	
Operation/Application	For Use With	MTA .100 Headers & MTA .100 IDC Posted Connectors	
	Pick and Place Cover	Without	
ndustry Standards	UL Flammability Rating	UL 94V-2	
	UL File Number	E28476	
	CSA Rating	Certified	
	Agency/Standard	CSA, UL	
	CSA File Number	LR7189	
	UL Rating	Recognized	
Packaging Features	Packaging Method	Bag/Box	
	Packaging Quantity	500	
Other	Comment	Stripe may run down between ribs	
Product Compliance	Statement of Compliance		

VIEW ALL PRODUCT COMPLIANCE



Relation Type

RELATIONSHIP

### **Mating Products**

Used to identify Mating Parts

See All Mating Products



PRODUCT - MATING PRODUCTS

Connectors - W-T-B Headers & Receptacles

06P MTA100 PSTD **CONN ASSY SN** 3-647001-6 TE INTERNAL NUMBER: 3-647001-6

✓ Active

#### Always EU RoHS/ELV Compliant

Centerline 2.54 mm

Number of Positions 6

Number of Rows 1

Contact Mating Area Plating

Material **Tin** 

Contact Mating Area Plating Material Finish Matte

RELATIONSHIP

## **Mating Products**

Used to identify Mating Parts

See All Mating Products



PRODUCT - MATING PRODUCTS

Connectors - W-T-B Headers & Receptacles

06P MTA100 HDR ASSY F/L HITEMP - 3-647050-6

TE INTERNAL NUMBER: 3-647050-6

✓ Active

Always EU RoHS/ELV Compliant

Centerline 2.54 mm

Number of Positions 6

PCB Mounting Orientation

Vertical

PCB Mounting Style Through

Hole

Number of Rows 1

RELATIONSHIP

# **Mating Products**

Used to identify Mating Parts

See All Mating Products



PRODUCT - MATING PRODUCTS

Connectors - W-T-B Headers & Receptacles

06P MTA100 HDR ASSY SQ STR POL - 640454-6 TE INTERNAL NUMBER: 640454-6

✓ Active

Always EU RoHS/ELV Compliant

Centerline 2.54 mm

Number of Positions 6

PCB Mounting Orientation

PCB Mounting Style **Through** 

Number of Rows 1

