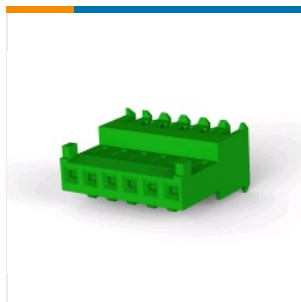




HEADERS & RECEPTACLES



TE CONNECTIVITY (TE)

06P MTA100 CONN ASSY F/T 28AWG

MTA | MTA-100

3-644565-6

TE Internal Number: 3-644565-6

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**

Active

PRODUCT DRAWING
English

3D PDF

Product Drawings

[MTA 100 CONNECTOR ASSEMBLY, 28 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-100](#)

PDF
English

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.

	Connector Type	Connector Assembly
	Connector System	Wire-to-Post
	Wire/Cable Type	Discrete Wire, Stranded
	Strain Relief	With
	Connector Style	Receptacle
	Applies To	Wire/Cable
	Connector Design	Feed Through
	Sealed	No
<hr/>		
Configuration Features	Number of Positions	6
	Number of Rows	1
	Backwall/Post Interruptions	Without
<hr/>		
Electrical Characteristics	Operating Voltage (VAC)	250
<hr/>		
Body Features	Cable Exit Angle	90°
<hr/>		
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]
	Contact Type	Socket
	Underplate Material	Nickel
	Contact Transmits (Typical)	Power
	Underplate Material Thickness	.762 µm, 30 µin
	Contact Current Rating (A)	5
	Contact Layout	Inline
	Contact Shape	Square
	Contact Termination Area Plating Material	Tin
	Contact Base Material	Copper Alloy
<hr/>		
Termination Features	Termination Method to Wire/Cable	IDC
<hr/>		
Mechanical Attachment	PCB Mount Alignment	Without
	Mating Retention	With
	PCB Mount Retention	Without
	Panel Mount Retention	Without
	Contact Retention	With

Mating Alignment Type	Polarization
Contact Retention Type	Locking Lance
Mating Alignment	With
Mating Retention Type	Locking Ramp

Housing Features	Centerline	2.54 mm [.1 in]
	Housing Color	White
	Housing Style	Standard
	Housing Material	Nylon - GF

Dimensions	Wire/Cable Size (mm ²)	.08 – .09
	Insulation Diameter	1.52 mm [.06 in]
	Length	15.24 mm [.6 in]
	Height	7.75 mm [.305 in]
	Wire/Cable Size (AWG)	28

Usage Conditions	Operating Temperature Range	-55 – 105 °C [-67 – 221 °F]
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Operation/Application	For Use With	MTA .100 Header
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Industry Standards	UL File Number	E28476
	UL Flammability Rating	UL 94V-2
	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
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Product Compliance [Statement of Compliance](#)
PDF

[VIEW ALL PRODUCT COMPLIANCE](#)

Relation Type

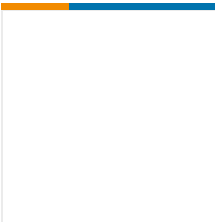
RELATIONSHIP

Mating Products

Used to identify Mating Parts

See All Mating Products

PRODUCT - MATING PRODUCTS



Connectors - W-T-B Headers & Receptacles
MTA | MTA-100

06P MTA100 SHRD HDR
F/L R/A SN - 2-644488-6

TE INTERNAL NUMBER: 2-644488-6

Active

Always EU RoHS/ELV Compliant

Centerline 2.54 mm

Number of Positions 6

PCB Mounting Orientation Right

Angle

PCB Mounting Style Through

Hole

Number of Rows 1



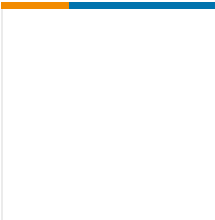
RELATIONSHIP

Mating Products

Used to identify Mating Parts

See All Mating Products

PRODUCT - MATING PRODUCTS



Connectors - W-T-B Headers & Receptacles
MTA | MTA-100

06P MTA100 PSTD
CONN ASSY LF

- 3-647002-6

TE INTERNAL NUMBER: 3-647002-6

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
MTA | MTA-100

06P MTA100 PSTD
CONN ASSY SN

- 647000-6

TE INTERNAL NUMBER: 647000-6

Active

Converted to EU RoHS/ELV
Compliant

Centerline 2.54 mm

Number of Positions 6

Number of Rows 1

Contact Mating Area Plating

Material Tin-Lead

Contact Mating Area Plating

Material Finish Matte



