



HEADERS & RECEPTACLES



TE CONNECTIVITY (TE)

02P MTA100 CONN ASSY POL RIB

[MTA](#) | [MTA-100](#)

3-643813-2

TE Internal Number: 3-643813-2

Always EU RoHS/ELV Compliant

Centerline **2.54 mm [.1 in]**

Number of Positions **2**

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, 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

[Connector, MTA-100](#)

PDF
English

Application Specification

[MTA 100 Connector](#)

PDF
English

Product Environmental Compliance

TE Material Declaration

[MD_3-643813-2_01222014203_dmtec](#)

PDF
English

Drawing for all design activity.

Product Type Features

Product Type	Connector
Connector Type	Connector Assembly
Connector System	Wire-to-Post
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	2
Number of Rows	1
Backwall/Post Interruptions	Without

Electrical Characteristics

Operating Voltage (VAC)	250
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Body Features

Cable Exit Angle	90°
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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 µm [80 µin]
Underplate Material Thickness	.762 µm, 30 µin
Contact Termination Area Plating Material	Tin
Contact Type	Socket
Contact Transmits (Typical)	Power
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
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Mechanical Attachment

PCB Mount Alignment	Without
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Mechanical Attachment	PCB Mount Alignment	Without
	Mating Retention	With
	PCB Mount Retention	Without
	Contact Retention	With
	Mating Alignment Type	Polarization
	Contact Retention Type	Locking Lance
	Mating Retention Type	Locking Ramp
	Panel Mount Retention	Without
	Mating Alignment	With
Housing Features	Centerline	2.54 mm [.1 in]
	Housing Color	White
	Housing Style	Standard
	Housing Material	Nylon - GF
Dimensions	Wire/Cable Size (AWG)	22
	Wire/Cable Size (mm ²)	.3 – .4
	Insulation Diameter	1.52 mm [.06 in]
	Length (mm)	5.08
	Height (mm)	6.99
Usage Conditions	Operating Temperature Range	-55 – 105 °C [-67 – 221 °F]
Operation/Application	For Use With	MTA .100 Header
	Pick and Place Cover	Without
Industry 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	Box/Carton
	Packaging Quantity	500
Other	Comment	2 & 3 Position MTA-100 Posted Connectors can not mate with MTA-100 Connectors





with polarizing tabs, Stripe may run down between ribs

Product Compliance

Statement of Compliance
PDF

[VIEW ALL PRODUCT COMPLIANCE](#)

CUSTOMERS ALSO BOUGHT

MOTOR TERMINAL HOUSINGS	POWER CONTACTS	CRIMP RINGS & SPADES	HEAT SHRINK TUBING
 FF 250 REC HSG 2P NYLON BLACK 480115-3	 CMNL GROUDING PIN 22-18 PTPBR 61527-2	 PG R 22-16 COMM 22-18 MIL 3/8 2-34152-2	 VERSAFIT-1/8-9-SP VERSAFIT-1/8-9-SP
Save to List Find Similar Products	Save to List Find Similar Products	Save to List Find Similar Products	Save to List Find Similar Products

Products - 26 Results

[View All](#)

Compare 0/10

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

02P MTA100 HDR ASY
POL, RET BND
- 644877-2

TE INTERNAL NUMBER: 644877-2

✓ Active

Always EU RoHS/ELV Compliant

Centerline **2.54 mm**

Number of Positions **2**

PCB Mounting Orientation **Right Angle**

PCB Mounting Style **Through Hole**

Number of Rows **1**

RELATIONSHIP

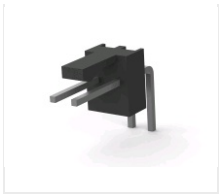
Mating Products

Used to identify Mating Parts

[See All Mating Products](#)

PRODUCT - MATING PRODUCTS





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

02P MTA100 HRD ASSY F/L LF - 3-647630-2

TE INTERNAL NUMBER: 3-647630-2

✓ Active

Always EU RoHS/ELV Compliant

Centerline **2.54 mm**

Number of Positions **2**

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

02P MTA100 STR HDR RETENTIVE - 3-644695-2

TE INTERNAL NUMBER: 3-644695-2

✓ Active

Always EU RoHS/ELV Compliant

Centerline **2.54 mm**

Number of Positions **2**

PCB Mounting Orientation
Vertical

Number of Rows **1**

Contact Mating Area Plating
Material **Tin**

