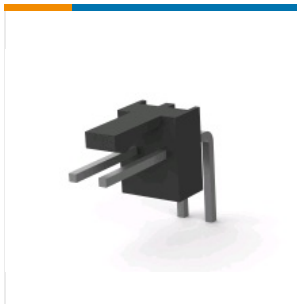




HEADERS & RECEPTACLES



✓ Active

[↓ PRODUCT DRAWING](#)
English

[↓ 3D PDF](#)



TE CONNECTIVITY (TE)

02P MTA100 HRD ASSY F/L LF

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

3-647630-2

TE Internal Number: 3-647630-2

[Always EU RoHS/ELV Compliant](#)

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

Number of Positions **2**

PCB Mounting Orientation **Right Angle**

PCB Mounting Style **Through Hole**

Number of Rows **1**

Product Drawings

[MTA-100 HEADER ASSEMBLY, FRICTION LOCK,025 SQUARE,RIGHT ANGLE,](#)

PDF
English

CAD Files

[3D PDF](#)

PDF
3D

[Customer View Model](#)

2D_DXF.ZIP
English

[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

Product Environmental Compliance

TE Material Declaration

[MD_3-647630-2_040220152249_dmtec](#)

PDF
English

Product Type Features	PCB Mounting Orientation	Right Angle
	Product Type	Connector
	Connector Type	Header
	Connector System	Wire-to-Board
	Strain Relief	Without
	Sealed	No
	Connector Style	Plug
	Applies To	Printed Circuit Board
Configuration Features	Number of Positions	2
	Number of Rows	1
	Right Angle Bending Side	Front
	Backwall/Post Interruptions	Without
Electrical Characteristics	Operating Voltage (VAC)	250
Body Features	Header Type	Unshrouded
Contact Features	Contact Mating Area Plating Material	Tin
	Contact Mating Area Plating Thickness	3.81 – 6.3 µm [150 – 250 µin]
	Underplate Material	Nickel
	Contact Termination Area Plating Thickness	3.81 – 6.3 µm [150 – 250 µin]
	Underplate Material Thickness	1.27 µm, 50 µin
	Contact Style	Right Angle
	Contact Shape	Square
	Tail Plating Material	Tin
	Contact Termination Area Plating Material	Tin
	Tail Plating Thickness	3.81 – 6.3 µm [150 – 250 µin]
	Contact Type	Pin
	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 PC Board	Through Hole - Solder

	Termination Method to Wire/Cable	Solder
Mechanical Attachment	PCB Mounting Style	Through Hole
	PCB Mount Alignment	Without
	Mating Retention	With
	PCB Mount Retention	Without
	Contact Retention	Without
	Mating Retention Type	Friction Lock
	Panel Mount Retention	Without
	Mating Alignment	Without
Housing Features	Centerline	2.54 mm [.1 in]
	Housing Color	Black
	Housing Style	Friction Lock
	Housing Material	PBT GF
Dimensions	Tail Length	3.56 mm [.14 in]
	Mating Post Length	7.37 mm [.29 in]
	PCB Thickness (Recommended)	1.57 mm [.062 in]
	Height	8.81 mm [.347 in]
	Length	5.08 mm [.2 in]
Usage Conditions	Operating Temperature Range	-55 – 105 °C [-67 – 221 °F]
Operation/Application	For Use With	MTA .100 Connector Assembly
Industry Standards	UL Flammability Rating	UL 94V-0
	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

Product Compliance

Statement of Compliance

PDF

VIEW ALL PRODUCT COMPLIANCE

Products - 72 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 CONN
ASSY BLK LF - 3-644578-2

TE INTERNAL NUMBER: 3-644578-2

Active

Always EU RoHS/ELV Compliant

Centerline 2.54 mm

Number of Positions 2

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

02P MTA100 CONN
ASSY BLK LF - 3-644577-2

TE INTERNAL NUMBER: 3-644577-2

Active

Always EU RoHS/ELV Compliant

Centerline 2.54 mm

Number of Positions 2

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

02P MTA100 CONN ASSY LF - 3-644313-2

TE INTERNAL NUMBER: 3-644313-2

✓ Active

Always EU RoHS/ELV Compliant

Centerline **2.54 mm**

Number of Positions **2**

Number of Rows **1**

Contact Mating Area Plating

Material **Tin**

Contact Mating Area Plating

Material Finish **Matte**