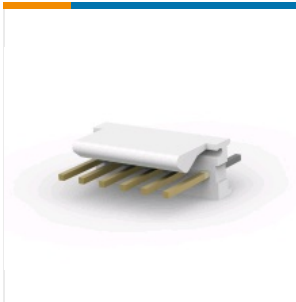




HEADERS & RECEPTACLES



TE CONNECTIVITY (TE)

06P MTA100 HDR ASSY FL/ST 30AU

MTA | MTA-100

641215-6

TE Internal Number: 641215-6
Alias ID: 651-1079-01

Always EU RoHS/ELV Compliant

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

Number of Positions **6**

PCB Mounting Orientation **Vertical**

PCB Mounting Style **Through Hole**

Number of Rows **1**

Active

PRODUCT DRAWING
English

3D PDF

Product Drawings

[MTA-100 HEADER ASSEMBLY, FRICTION LOCK, NOTCHED, .025 SQUARE STRAIGHT POST, .000030 GOLD PLATED](#)

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

Qualification Test Report

[Connector, MTA-100](#)

PDF
English





[Connector, MTA-100](#)

TIF
English

| | | |
|----------------------------|--|---|
| Product Type Features | PCB Mounting Orientation | Vertical |
| | 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 | 6 |
| | Number of Rows | 1 |
| | Backwall/Post Interruptions | Without |
| Electrical Characteristics | Operating Voltage (VAC) | 250 |
| Body Features | Header Type | Unshrouded |
| Contact Features | Contact Mating Area Plating Material | Gold |
| | Contact Mating Area Plating Thickness | .76 μm [29.92 μin] |
| | Underplate Material | Nickel |
| | Contact Termination Area Plating Thickness | 3.81 – 8.89 μm [150 – 350 μin] |
| | Underplate Material Thickness | 1.27 μm, 50 μin |
| | Contact Style | Straight |
| | Contact Shape | Square |
| | Tail Plating Material | Tin |
| | Contact Termination Area Plating Material | Tin |
| | Tail Plating Thickness | 3.81 – 8.89 μm [150 – 350 μin] |
| | Contact Type | Pin |
| | 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 | White |
| | Housing Style | Friction Lock |
| | Housing Material | Polyester - GF |
| Dimensions | Tail Length | 3.56 mm [.14 in] |
| | Mating Post Length | 7.49 mm [.295 in] |
| | PCB Thickness (Recommended) | 1.6 mm [.063 in] |
| | Height | 7.87 mm [.31 in] |
| | Length | 15.24 mm [.6 in] |
| Usage Conditions | Operating Temperature Range | -55 – 105 °C [-67 – 221 °F] |
| Operation/Application | For Use With | MTA .100 Connector Assembly |
| | Pick and Place Cover | Without |
| 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 | Package |
| | Packaging Quantity | 1 |

CUSTOMERS ALSO BOUGHT

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| <p>MULTIPLE CONFIGURATION PCB HEADERS & RECEPTACLES</p>  <p>05 MODII HDR SRST SHRD LF 5-103414-3</p> <p>Save to List</p> <p>Find Similar Products</p> | <p>RECTANGULAR POWER CONNECTORS</p>  <p>03P MTA156 HDR ASSY FL ST LF 3-641209-3</p> <p>Save to List</p> <p>Find Similar Products</p> | <p>BOX MOUNT D-SUB CONNECTORS</p>  <p>AMPLIMITE, ASY, RCPT, RTANG, 109, 5 1218408-5</p> <p>Save to List</p> <p>Find Similar Products</p> | <p>MULTIPLE CONFIGURATION PCB HEADERS & RECEPTACLES</p>  <p>B/A REELED SRST HDR ASSY 15 AU 5-146860-1</p> <p>Save to List</p> <p>Find Similar Products</p> |
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Relation Type ▼

RELATIONSHIP

Mating Products

Used to identify Mating Parts

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|  | <p>PRODUCT - MATING PRODUCTS</p> <p>Connectors - W-T-B Headers & Receptacles MTA MTA-100</p> <p>06P MTA100 CONN ASSY F/T NATL - 3-641242-6</p> <p>TE INTERNAL NUMBER: 3-641242-6</p> <p>Active</p> | <p>Always EU RoHS/ELV Compliant</p> <p>Centerline 2.54 mm</p> <p>Number of Positions 6</p> <p>Number of Rows 1</p> <p>Contact Mating Area Plating Material Gold</p> <p>Contact Mating Area Plating Thickness .76 µm</p> | <input checked="" type="checkbox"/> |
|---|---|--|-------------------------------------|

RELATIONSHIP

Mating Products

Used to identify Mating Parts

[See All Mating Products](#)

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|  | <p>PRODUCT - MATING PRODUCTS</p> <p>Connectors - W-T-B Headers & Receptacles MTA MTA-100</p> <p>06P MTA100 CONN ASSY RED 30AU - 3-641237-6</p> | <p>Always EU RoHS/ELV Compliant</p> <p>Centerline 2.54 mm</p> <p>Number of Positions 6</p> <p>Number of Rows 1</p> | <input checked="" type="checkbox"/> |
|---|---|---|-------------------------------------|

TE INTERNAL NUMBER: 3-641237-6

✓ Active

Contact Mating Area Plating
Material **Gold**

Contact Mating Area Plating
Thickness **.76 µm**

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 CONN ASSY F/T LF - 3-644702-6

TE INTERNAL NUMBER: 3-644702-6

✓ Active

Always EU RoHS/ELV Compliant

Centerline **2.54 mm**

Number of Positions **6**

Number of Rows **1**

Contact Mating Area Plating
Material **Gold**

Contact Mating Area Plating
Thickness **.76 µm**

