



HEADERS & RECEPTACLES



TE CONNECTIVITY (TE)

05P MTA100 SHRD HDR F/L R/A SN

[MTA | MTA-100](#)

2-644488-5

TE Internal Number: 2-644488-5

[Always EU RoHS/ELV Compliant](#)

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

Number of Positions **5**

PCB Mounting Orientation **Right Angle**

PCB Mounting Style **Through Hole**

Number of Rows **1**

Active

[PRODUCT DRAWING](#)
English

[3D PDF](#)

Product Drawings

[MTA-100 SHROUDED HEADER ASSEMBLY, FRICTION LOCK,RIGHT ANGLE POST, TIN OR TIN LEAD 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

Product Environmental Compliance

TE Material Declaration

[MD_2-644488-5_05282015345_dmtec](#)

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 | 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 | 5 |
| | Number of Rows | 1 |
| | Right Angle Bending Side | Front |
| | Backwall/Post Interruptions | Without |
| Electrical Characteristics | Operating Voltage (VAC) | 250 |
| Body Features | Header Type | Shrouded |
| 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 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 Attachments | PCB Mounting Style | Through Hole |
| | PCB Mount Alignment | Without |
| | Mating Retention | With |
| | PCB Mount Retention | Without |
| | Contact Retention | Without |
| | Mating Alignment Type | Polarizing Tab |
| | Mating Retention Type | Friction Lock |
| | Panel Mount Retention | Without |
| | Mating Alignment | With |
| Housing Features | Centerline | 2.54 mm [.1 in] |
| | Housing Color | Black |
| | Housing Style | Friction Lock |
| | Housing Material | Polyester - GF |
| Dimensions | Tail Length | 3.3 mm [.13 in] |
| | Mating Post Length | 5.1 mm [.2 in] |
| | PCB Thickness (Recommended) | 1.6 mm [.063 in] |
| | Height | 10.41 mm [.41 in] |
| | Length | 14.83 mm [.584 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 | Box/Carton |
| | Packaging Quantity | 500 |

Product Compliance

Statement of Compliance

PDF

[VIEW ALL PRODUCT COMPLIANCE](#)