



+ CONNECTORS

HEADERS & RECEPTACLES



✓ Active

TE CONNECTIVITY (TE)
07P MTA156 HDR ASSY W/O#2,4,5
[MTA](#) | [MTA156](#)

1-643464-2
TE Internal Number: 1-643464-2

[EU RoHS Compliant](#)
[EU ELV Compliant](#)
Connector System Wire-to-Board

Number of Positions 7

Centerline (Pitch) 3.96 mm [.156 in]

Termination Method to Wire/Cable Solder

PCB Mounting Orientation Vertical

 **PRODUCT DRAWING**
English

 **3D PDF**

DOCUMENTATION

Product Drawings

MTA -156 HEADER ASSEMBLY, FRICTION LOCK, STRAIGHT, .045 SQUARE POST, TIN PLATED, 7 POSITION, OMITTED POST

PDF

English

CAD Files

Customer View Model

3D_STP.ZIP

English

Customer View Model

2D_DXF.ZIP

English

3D PDF

PDF

3D

Customer View Model

3D_IGS.ZIP

English

Product Specifications

Product Specification

System, Connector/Header, MTA 156

PDF

English

FEATURES



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

- Connector System Wire-to-Board
- PCB Mounting Orientation Vertical
- Header Type Unshrouded
- Sealable No
- Connector & Contact Terminates To Printed Circuit Board
- Product Type Connector
- Connector Type Header
- Connector Style Plug
- Strain Relief Without

Configuration Features

- Number of Loaded Positions 4
- Number of Positions 7
- Number of Rows 1
- Post Numbers Omitted 2, 4, 5
- Backwall/Post Interruptions Without

Electrical Characteristics

- Operating Voltage (VAC) 600

Contact Features

Underplate Material Nickel
Contact Shape Square
Contact Mating Area Plating Material Tin
Contact Mating Area Plating Thickness 2.54 µm [100 µin]
Contact Current Rating (Max) (A) 7
Underplate Material Thickness 1.27 µm, 50 µin
Contact Base Material Copper Alloy
Contact Layout Inline
Tail Plating Thickness 2.54 µm [100 µin]
Contact Termination Area Plating Thickness 2.54 µm [100 µin]
Contact Transmits (Typical) Power
Tail Plating Material Tin
Contact Type Pin

Termination Features

Termination Method to PC Board Through Hole - Solder
Termination Method to Wire/Cable Solder

Mechanical Attachment

Panel Mount Retention Without
PCB Mount Alignment Without
Mating Retention With
PCB Mount Retention Without
Mating Alignment Without
Mating Retention Type Friction Lock
Contact Retention Without

Housing Features

Centerline (Pitch) 3.96 mm [.156 in]
Housing Style Friction Lock
Housing Material Polyester - GF
Housing Color Natural

Dimensions

Tail Length 3.18 mm [.125 in]
PCB Thickness (Recommended) 1.6 mm [.063 in]
Length (mm) 27.74
Height (mm) 10.8
Mating Post Length 10.16 mm [.4 in]

Usage Conditions

Operating Temperature Range -55 – 105 °C [-67 – 221 °F]

Operation/Application

Pick and Place Cover Without
For Use With MTA .156 Connector Assembly or SL .156 Connector Assembly

Industry Standards

Agency/Standard CSA, UL
CSA File Number LR7189
CSA Rating Certified
UL Flammability Rating UL 94V-0
UL Rating Recognized
UL File Number E28476

Packaging Features
Packaging Method Package
Packaging Quantity 3000

Other
Number of Blocked Positions 3

PRODUCT COMPLIANCE



Statement of Compliance
Statement of Compliance
PDF