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CONNECTORS

HEADERS & RECEPTACLES



✔ Active

TE CONNECTIVITY (TE)

08P MTA156 HDR ASSY W/O#5 SN

MTA | MTA156

644968-2
TE Internal Number: 644968-2

EU RoHS Compliant
EU ELV Compliant

Connector System Wire-to-Board

Number of Positions 8

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,PLAIN, STRAIGHT, .045,SQUARE POST, 8 POSTION,OMITTED POST,TIN PLATED
PDF
English

CAD Files

Customer View Model
2D_DXF.ZIP
English

3D PDF
PDF
3D

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Customer View Model

3D_IGS.ZIP

English

Customer View Model

3D_STP.ZIP

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 7
Number of Positions 8
Number of Rows 1
Post Numbers Omitted 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
Contact Style Straight
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 Material Tin
Contact Termination Area Plating Thickness 2.54 µm [100 µin]
Contact Termination Area Plating Material Finish Matte
Contact Transmits (Typical) Power
Tail Plating Material Tin
Contact Type Pin

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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 Without
PCB Mount Retention Without
Mating Alignment Without
Contact Retention Without

Housing Features

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

Dimensions

Height 13.34 mm [.525 in]
Tail Length 3.18 mm [.125 in]
PCB Thickness (Recommended) 1.6 mm [.063 in]
Length 31.7 mm [1.248 in]
Mating Post Length 10.16 mm [.4 in]

Usage Conditions

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

Operation/Application

For Use With MTA .156 Connector Assembly or SL .156 Connector Assembly

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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 750

Other

Number of Blocked Positions 1

PRODUCT COMPLIANCE

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Statement of Compliance

Statement of Compliance

PDF

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