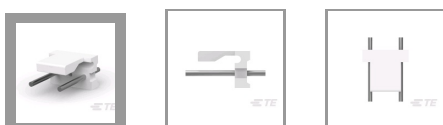




CONNECTORS

RECTANGULAR POWER CONNECTORS



✓ Active

TE CONNECTIVITY (TE)

03P MTA156 HDR ASSY STR W/O#2

MTA | MTA156

643960-1

TE Internal Number: 643960-1

EU RoHS Compliant

EU ELV Compliant

Product Type Header

Housing Type Plug

Connector System Wire-to-Board

Number of Positions 3

Centerline (Pitch) 3.96 mm [.156 in]

[↓ PRODUCT DRAWING](#)
English

[↓ 3D PDF](#)

DOCUMENTATION

Product Drawings

MTA-.156 HEADER ASSEMBLY, FRICTION LOCK, STRAIGHT .045 ROUND POST, TIN PLATED, 3 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 Environmental Compliance

TE Material Declaration

MD_643960-1_111220152239_dmtec

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

Header Type Unshrouded

Product Type Header

Housing Type Plug

Connector System Wire-to-Board

Connector & Contact Terminates To Printed Circuit Board

Contact Type Tab

Configuration Features

Number of Loaded Positions 2

Number of Positions 3

PCB Mounting Orientation Vertical

Number of Power Positions 3

Number of Rows 1

Contact Layout Inline

Post Numbers Omitted 2, 3

Backwall/Post Interruptions Without

Electrical Characteristics

Operating Voltage (VAC) 600

Contact Features

Underplate Material Nickel
Contact Current Rating (Max) (A) 7
Contact Retention Without
Contact Termination Area Plating Material Tin
Contact Mating Area Plating Material Tin
Contact Mating Area Plating Thickness 100 µm [2.54 µin]
Contact Base Material Copper Alloy

Termination Features

Termination Method to PC Board Through Hole - Solder
Termination Post/Tail Length 3.81 mm [.15 in]

Mechanical Attachment

Panel Mount Retention Without
PCB Mount Alignment Without
Strain Relief Without
Mating Alignment Without
Mating Retention Type Friction Lock
PCB Mount Retention Without
Mating Retention With

Housing Features

Centerline (Pitch) 3.96 mm [.156 in]
UL Flammability Rating UL 94V-0
Housing Material Polyester - GF

Dimensions

Length 11.88 mm [.468 in]
Mating Post Length 10.16 mm [.4 in]
Height 10.79 mm [.425 in]
PCB Thickness (Recommended) 1.57 – 2.36 mm [.062 – .093 in]

Usage Conditions

Operating Temperature Range -55 – 105 °C [-67 – 221 °F]
Sealed Condition Not Sealed

Operation/Application

Circuit Application Power

Industry Standards

Glow Wire Rating Standard Part - Not Glow Wire
CSA Rating Certified
CSA File Number LR7189
UL Rating Recognized
Agency/Standard CSA, UL
Agency/Standard Number E28476

Packaging Features

Packaging Method Package
Packaging Quantity 3000

Other

Number of Blocked Positions 1

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

PRODUCT COMPLIANCE



Statement of Compliance

Statement of Compliance

PDF
