



CONNECTORS

BOARD-TO-BOARD HEADERS & RECEPTACLES



✓ Active

TE CONNECTIVITY (TE)

16 MOD II HDR DRST UNSHRD STKG

AMPMODU | AMPMODU Headers

5-146500-8

TE Internal Number: 5-146500-8

EU RoHS Compliant

EU ELV Compliant

Connector Style Plug

Number of Positions 16

Centerline (Pitch) 2.54 mm [.1 in]

Stack Height 17.78 mm [.7 in]

Packaging Method Carton

 **PRODUCT DRAWING**
English

DOCUMENTATION

Product Drawings

HEADER ASSEMBLY, MOD II, STACKING, DOUBLE ROW, .025 SQ.POST, UNSHROUDED

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 Style Plug
Connector & Contact Terminates To Printed Circuit Board
Row-to-Row Spacing 2.54 mm [.1 in]
Series AMPMODU
PCB Mounting Orientation Vertical
Connector Type Header
Boss Without
Product Type Connector

Configuration Features

Stackable Yes
Number of Positions 16
Number of Rows 2

Electrical Characteristics

Insulation Resistance (MΩ) 5000

Contact Features

Solder Tail Contact Plating Material Tin over Nickel
Solder Tail Contact Plating Material Finish Tin: Matte
Contact Shape Square
Contact Mating Area Plating Material Gold
Contact Mating Area Plating Thickness (μin) 15
Contact Current Rating (Max) (A) 3
Contact Base Material Brass
Contact Type Pin
Solder Tail Contact Plating Thickness (μin) 100 – 200

Termination Features

Termination Method to PC Board Through Hole
Termination Post Length 28.7 mm [1.13 in]

Mechanical Attachment

PCB Mount Retention Without

Housing Features

Centerline (Pitch) 2.54 mm [.1 in]
Housing Material Thermoplastic
Housing Color Black

Dimensions

Stack Height 17.78 mm [.7 in]
Mating Post Length 8.38 mm [.33 in]
Tail Length 2.54 mm [.1 in]

Usage Conditions

Operating Temperature Range (°C) -65 – 125

Operation/Application

Assembly Process Feature None
Pick and Place Cover Without
For Use With Receptacle Assembly

Industry Standards

Approved Standards CSA LR7189, UL E28476
UL Flammability Rating UL 94V-0

Packaging Features

Packaging Method Carton
Packaging Quantity 75

PRODUCT COMPLIANCE



Statement of Compliance

Statement of Compliance

PDF
