



CONNECTORS

MULTIPLE CONFIGURATION PCB HEADERS & RECEPTACLES



✓ Active

TE CONNECTIVITY (TE)

34 SYSTEM 50 HDR DRST SHRD SN

AMPMODU | AMPMODU System 50

6-104666-3

TE Internal Number: 6-104666-3

EU RoHS Compliant

EU ELV Compliant

Number of Positions 34

Centerline (Pitch) 1.27 mm [.05 in]

Sealable No

Connector & Contact Terminates To Printed Circuit Board

Connector Style Plug

[↓ PRODUCT DRAWING](#)
English

[↓ 3D PDF](#)

DOCUMENTATION

Product Drawings

HEADER ASSY, VERTICAL SHROUDED DOUBLE ROW W/SIDE & END LATCHES AMPMODU SYSTEM 50

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

Product Environmental Compliance

TE Material Declaration

MD_6-104666-3_07242015657_dmtec

PDF

English

Agency Approvals

CSA Certificate

AMPMODU 50/50 GRID REPORT

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

Sealable No

Connector & Contact Terminates To Printed Circuit Board

Connector Style Plug

Header Type Shrouded

PCB Mounting Orientation Vertical

Connector Type Header

Row-to-Row Spacing 2.54 mm [.1 in]

Gasket Without

Product Type Connector

Stabilizers Without

Board Standoff Without

Strain Relief Without

Configuration Features

Selectively Loaded No

Number of Positions 34

Number of Rows 2

Staggered Rows No

Keyed No

Electrical Characteristics

Dielectric Withstanding Voltage 500 VAC

Voltage (VAC) 30

Insulation Resistance (MΩ) 5000

Body Features

Post Size .381 mm [.015 in]

Contact Features

Solder Tail Contact Plating Material Tin over Nickel

Underplate Material Nickel

Contact Protection With

Contact Shape Round

Contact Base Material Copper Alloy

Contact Type Pin

Contact Mating Area Plating Thickness (µin) 30

Solder Tail Contact Plating Thickness (µin) 150

Contact Mating Area Plating Material Gold

Contact Protection Type Shrouded

Termination Features

Termination Method to PC Board Through Hole - Solder

Termination Post Length 3.68 mm [.145 in]

Termination End Plating Thickness 3.81 µm [150 µin]

Termination End Plating Material Tin over Nickel

Mechanical Attachment

Mating Connector Lock Type Latch

Mating Connector Lock With

PCB Mounting Style Through Hole-Solder

Mating Alignment Type Polarization

PCB Mount Retention Without

Mating Alignment With

Housing Features

Centerline (Pitch) 1.27 mm [.05 in]

Housing Material Thermoplastic

Housing Color Black

Dimensions

PCB Thickness (Recommended) 1.57 mm [.062 in]

Mating Post Length (in) .125

Usage Conditions

Operating Temperature Range (°C) -65 – 105

High Temperature Compatible No

High Temperature Housing No

Operation/Application

For Use With Mates With Receptacles

High Speed Serial Data Connector No

Industry Standards

Approved Standards CSA LR7189, UL E28476

UL Flammability Rating UL 94V-0

Packaging Features

Packaging Quantity 19

Packaging Method Tube

Other

Positions Unloaded None

PRODUCT COMPLIANCE



Statement of Compliance

Statement of Compliance

PDF
