

MULTIPLE CONFIGURATION PCB HEADERS & RECEPTACLES



✓ Active

TE CONNECTIVITY (TE)

50SYS 50 HDR DRST SHRD SN

AMPMODU | AMPMODU System 50

5-147380-1

TE Internal Number: 5-147380-1

EU RoHS Compliant

EU ELV Compliant

Number of Positions 50

Centerline (Pitch) 1.27 mm [.05 in]

Connector & Contact Terminates To Printed Circuit Board

Connector Style Plug

Header Type Shrouded

 **PRODUCT DRAWING**
English

 **3D PDF**

DOCUMENTATION

Product Drawings

HEADER ASSEMBLY, VERTICAL, DOUBLE ROW, System 50, AMPMODU

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 Specifications

Application Specification

AMPMODU System 50 Thru-Hole Connectors

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

Connector & Contact Terminates To Printed Circuit Board

Connector Style Plug

Header Type Shrouded

PCB Mounting Orientation Vertical

Connector Type Header

Row-to-Row Spacing (in) .1

Gasket Without

Product Type Connector

Stabilizers Without

Board Standoff Without

Strain Relief Without

Configuration Features

Selectively Loaded Yes

Number of Positions 50

Number of Rows 2

Keyed No

Electrical Characteristics

Dielectric Withstanding Voltage 500 V

Voltage (VAC) 30

Body Features

Post Size (in) .015

Contact Features

Solder Tail Contact Plating Material Tin-Lead
Contact Protection With
Contact Shape Round
Contact Base Material Copper Alloy
Contact Mating Area Plating Thickness (µin) 30
Contact Type Pin
Contact Mating Area Plating Material Gold
Contact Protection Type Shrouded

Termination Features

Termination Method to PC Board Surface Mount
Termination Post Length 2.54 mm [.1 in]
Termination End Plating Thickness (µin) 150
Termination End Plating Material Tin

Mechanical Attachment

Panel Mount Retention Without
Mating Connector Lock With
PCB Mounting Style Through Hole
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) .1

Usage Conditions

Operating Temperature Range (°C) -65 – 105

Industry Standards

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

Packaging Features

Packaging Quantity 250
Packaging Method Tape & Reel

PRODUCT COMPLIANCE



Statement of Compliance

Statement of Compliance

PDF
