



CONNECTORS

MULTIPLE CONFIGURATION PCB HEADERS & RECEPTACLES



✓ Active

TE CONNECTIVITY (TE)

03 MOD II HDR SRST B/A .100CL

AMPMODU | AMPMODU Headers

5-146280-3

TE Internal Number: 5-146280-3

EU RoHS Compliant

EU ELV Compliant

Number of Positions 3

Centerline (Pitch) 2.54 mm [.1 in]

Connector & Contact Terminates To Printed Circuit Board

Connector Style Plug

Header Type Breakaway

[↓ PRODUCT DRAWING](#)
English

[↓ 3D PDF](#)

DOCUMENTATION

Product Drawings

HDR ASSY, MOD II, BREAKWAY, SINGLE ROW, HIGH TEM, VERTICAL

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_5-146280-3_03282017237_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

Connector & Contact Terminates To Printed Circuit Board

Connector Style Plug

Header Type Breakaway

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

Configuration Features

Selectively Loaded No

Number of Positions 3

Number of Rows 1

Keyed No

Electrical Characteristics

Dielectric Withstanding Voltage 750 V

Body Features

Post Size .64 mm [.025 in]

Contact Features

Solder Tail Contact Plating Material Tin-Lead over Nickel
Solder Tail Contact Plating Material Finish Tin: Matte
Contact Protection Without
Contact Shape Square
Contact Current Rating (Max) (A) 5
Contact Base Material Copper Alloy
Contact Mating Area Plating Thickness (µin) 15
Contact Type Pin
Contact Mating Area Plating Material Gold

Termination Features

Termination Method to PC Board Surface Mount, Through Hole
Termination Post Length 3.05 mm [.12 in]
Termination End Plating Thickness (µin) 100 – 200
Termination End Plating Material Tin

Mechanical Attachment

Panel Mount Retention Without
Mating Connector Lock Without
PCB Mounting Style Through Hole
PCB Mount Retention Without
Mating Alignment Without

Housing Features

Centerline (Pitch) 2.54 mm [.1 in]
Housing Material LCP (Liquid Crystal Polymer), LCP-GF (Liquid Crystal Polymer)
Housing Color Black

Dimensions

PCB Thickness (Recommended) 1.6 mm [.063 in]
Mating Post Length 5.84 mm [.23 in]

Usage Conditions

Operating Temperature Range (°C) -65 – 105
High Temperature Housing Yes

Operation/Application

High Speed Serial Data Connector No

Industry Standards

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

Packaging Features

Packaging Quantity 540
Packaging Method Carton

Statement of Compliance

Statement of Compliance

PDF
