



+ CONNECTORS

MULTIPLE CONFIGURATION PCB HEADERS & RECEPTACLES



✓ Active

TE CONNECTIVITY (TE)
05 MODII HDR SRST B/A 100 W/HD
[AMPMODU](#) | [AMPMODU Headers](#)

5-146288-5
TE Internal Number: 5-146288-5

[EU RoHS Compliant](#)
[EU ELV Compliant](#)

Number of Positions 5
Centerline (Pitch) 2.54 mm [.1 in]
Connector & Contact Terminates To Printed Circuit Board
Connector Style Plug
Header Type Breakaway

[↓ 3D PDF](#)

DOCUMENTATION

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

Please review product documents or [contact us](#) for the latest agency approval information.

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
- Strain Relief** Without

Configuration Features

- Selectively Loaded** No
- Number of Positions** 5
- Number of Rows** 1
- Keyed** Yes

Electrical Characteristics

- Dielectric Withstanding Voltage** 750 V

Body Features

- Post Size** .64 mm [.025 in]

Contact Features

- Solder Tail Contact Plating Material** Tin over Nickel
- Contact Protection** Without
- Contact Shape** Square
- Contact Current Rating (Max) (A)** 3
- Contact Base Material** Copper Alloy
- Contact Type** Pin
- Contact Mating Area Plating Thickness (µin)** 15
- Contact Mating Area Plating Material** Gold

Termination Features

- Termination Method to PC Board** Surface Mount, Through Hole
- Termination Post Length** 3.18 mm [.125 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 With
Mating Alignment With
PCB Mount Retention Type Retention Solder Tails

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 8.08 mm [.318 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 480
Packaging Method Carton

PRODUCT COMPLIANCE

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Statement of Compliance

Statement of Compliance
PDF