



**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.

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#### 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

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#### Configuration Features

**Selectively Loaded** No

**Number of Positions** 5

**Number of Rows** 1

**Keyed** Yes

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#### Electrical Characteristics

**Dielectric Withstanding Voltage** 750 V

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#### Body Features

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

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#### 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

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#### 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

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#### 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

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#### Housing Features

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

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#### Dimensions

**PCB Thickness (Recommended)** 1.6 mm [ .063 in ]  
**Mating Post Length** 8.08 mm [ .318 in ]

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#### Usage Conditions

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

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#### Operation/Application

**High Speed Serial Data Connector** No

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#### Industry Standards

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

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#### Packaging Features

**Packaging Quantity** 480  
**Packaging Method** Carton

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## PRODUCT COMPLIANCE



Statement of Compliance

**Statement of Compliance**

PDF

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