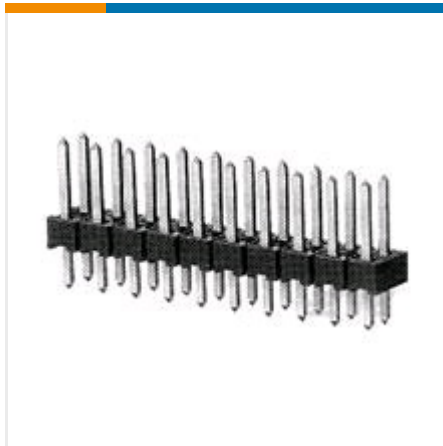




**CONNECTORS**

**MULTIPLE CONFIGURATION PCB HEADERS & RECEPTACLES**



✓ Active

TE CONNECTIVITY (TE)

## 16 MODII HDR DRST B/A 100 W/HD

AMPMODU | AMPMODU Headers

5-146269-8

TE Internal Number: 5-146269-8

EU RoHS Compliant

EU ELV Compliant

**Number of Positions** 16

**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

**HEADER ASSEMBLY, MOD , BREAKAWAY, DOUBLE ROW, .100 X.100 CL, VERTICAL, WITH RETENTION FEATURE, .025 SQ. POSTS, HIGH TEMPERATURE**

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

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Product Environmental Compliance

TE Material Declaration

## MD\_5-146269-8\_05122016026\_dmtec

PDF

English

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## FEATURES



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

Please Note: Use the Product Drawing for all design activity.

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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

**Profile** Standard

**Product Type** Connector

**Stabilizers** Without

**Board Standoff** With

**Strain Relief** Without

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### Configuration Features

**Selectively Loaded** No

**Number of Positions** 16

**Number of Rows** 2

**Keyed** No

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### Electrical Characteristics

**Dielectric Withstanding Voltage** 750 V

**Voltage (VAC)** 30

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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** Phosphor Bronze  
**Contact Type** Pin  
**Contact Mating Area Plating Thickness (µin)** 30  
**Contact Mating Area Plating Material** Gold

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#### Termination Features

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

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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** Without  
**PCB Mount Retention Type** Retention Solder Tails

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#### Housing Features

**Centerline (Pitch)** 2.54 mm [.1 in]  
**Housing Material** Thermoplastic  
**Housing Color** Black

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#### Dimensions

**PCB Thickness (Recommended)** 1.57 mm [.062 in]  
**Mating Post Length** 5.84 mm [.23 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** 200  
**Packaging Method** Carton

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Statement of Compliance

**Statement of Compliance**

PDF

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