



**CONNECTORS**

**MULTIPLE CONFIGURATION PCB HEADERS & RECEPTACLES**



✓ Active

TE CONNECTIVITY (TE)

## HEADER HE13 STRAIGHT 6 P

AMPMODU | AMPMODU

281696-6

TE Internal Number: 281696-6

EU RoHS Compliant

EU ELV Compliant

**Contact Current Rating (Max) (A) 3**

**Connector Style Plug**

**Centerline (mm) 2.54**

**Centerline (Pitch) (in) .1**

**Number of Positions 6**

↓ **PRODUCT DRAWING**  
English

↓ **3D PDF**

### DOCUMENTATION

Product Drawings

#### **HEADERS HE13, SINGLE ROW, STRAIGHT**

PDF

**English**

CAD Files

#### **Customer View Model**

2D\_DXF.ZIP

**English**

#### **3D PDF**

PDF

**English**

#### **Customer View Model**

3D\_IGS.ZIP

English

### Customer View Model

3D\_STP.ZIP

English

### Customer View Model

2D\_DXF.ZIP

English

### 3D PDF

PDF

3D

### Customer View Model

3D\_IGS.ZIP

English

### Customer View Model

3D\_STP.ZIP

English

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Product Specifications

Product Specification

### MODULAR HEADERS AND PLUGS ACCORDING TO IEC 60603-8 SERIES (HE13 HE14 SERIES)

PDF

French

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Product Environmental Compliance

TE Material Declaration

### MD\_281696-6\_062920142339\_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 Style** Plug

**PCB Mounting Orientation** Vertical

**Connector Type** Header

**Row-to-Row Spacing** 2.54 mm [.1 in]

**Product Type** Connector

**Gasket** Without

**Board Standoff** Without

**Strain Relief** Without

**Stabilizers** Without

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Configuration Features

**Number of Positions** 6  
**Number of Rows** 1  
**Selectively Loaded** No  
**Keyed** No

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#### Body Features

**Header Type** Shrouded  
**Post Size** .64 mm [ .025 in ]

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#### Contact Features

**Contact Current Rating (Max) (A)** 3  
**Contact Base Material** Phosphor Bronze  
**Contact Type** Pin  
**Contact Mating Area Plating Material** Gold  
**Solder Tail Contact Plating Material** Tin-Lead  
**Contact Shape** Square  
**Contact Protection** With  
**Contact Protection Type** Shrouded

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#### Termination Features

**Termination Method to Wire/Cable** Crimp, Insulation Displacement Crimp (IDC)  
**Termination Method to PC Board** Through Hole  
**Termination End Plating Material** Tin-Lead  
**Termination Post Length (mm)** 2.9

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#### Mechanical Attachment

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

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#### Housing Features

**Centerline (mm)** 2.54  
**Centerline (Pitch) (in)** .1  
**Housing Style** 2-Sided  
**Housing Material** High Temperature Thermoplastic  
**Housing Color** Blue

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#### Dimensions

**Shrouded End Dimension (mm)** 1.27  
**Mating Post Length (mm)** 6.75

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#### Usage Conditions

**Operating Temperature Range (°C)** -55 – 105

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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** 500

**Packaging Method** Package

Statement of Compliance

**Statement of Compliance**

PDF

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