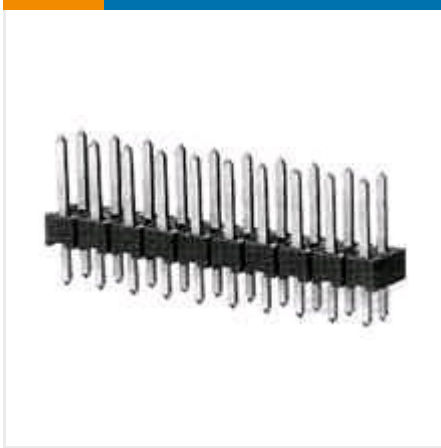




**CONNECTORS**

**MULTIPLE CONFIGURATION PCB HEADERS & RECEPTACLES**



✓ Active

TE CONNECTIVITY (TE)

## 80 MODII HDR DRST B/A .100CL

AMPMODU | AMPMODU Headers

4-146251-0

TE Internal Number: 4-146251-0

Not EU RoHS Compliant

Not EU ELV Compliant

**Number of Positions** 80

**Centerline (Pitch)** 2.54 mm [ .1 in ]

**Connector & Contact Terminates To** Printed Circuit Board

**Connector Style** Plug

**Header Type** Breakaway

 **PRODUCT DRAWING**  
English

### DOCUMENTATION

Product Drawings

#### **HEADER ASSEMBLY, MOD II, BREAKAWAY, DOUBLE ROW, VERTICAL, HIGH TEMPERATURE**

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

**Profile** Standard

**Product Type** Connector

**Stabilizers** Without

**Board Standoff** Without

**Strain Relief** Without

---

#### Configuration Features

**Selectively Loaded** No

**Number of Positions** 80

**Number of Rows** 2

**Keyed** No

---

#### Electrical Characteristics

**Dielectric Withstanding Voltage** 750 V

**Voltage (VAC)** 30

---

#### Body Features

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

---

#### Contact Features

**Solder Tail Contact Plating Material** Tin-Lead 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)** 5

**Contact Mating Area Plating Material** Gold

---

#### Termination Features

**Termination Method to PC Board** Through Hole

**Termination Post Length** 3.18 mm [.125 in]

**Termination End Plating Thickness (µin)** 100 – 200

**Termination End Plating Material** Matte Tin-Lead

---

#### 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)** 1.57 mm [ .062 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** 50

**Packaging Method** Carton

---

#### Other

**Comment** Headers may be broken to desired number of positions using Hand Tool No. 91406-1, or Tool Kit No. 314818-1. Other tail lengths are available, consult TE Connectivity.

---

## PRODUCT COMPLIANCE



Statement of Compliance

**Statement of Compliance**

PDF

---