



**CONNECTORS**

**BOARD-TO-BOARD HEADERS & RECEPTACLES**



✓ Active

TE CONNECTIVITY (TE)

**0.8FH,R17H.5,100,30/Sn,TR,SC**

0.8mm FH | .8mm FH

2-1735482-4

TE Internal Number: 2-1735482-4

EU RoHS Compliant

EU ELV Compliant

**Connector Style** Receptacle

**Connector System** Board-to-Board

**Number of Positions** 100

**Centerline (Pitch)** .8 mm [ .031 in ]

**Stack Height (mm)** 17, 18, 19, 20

**Stack Height (in)** .669, .709, .748, .787

[↓ PRODUCT DRAWING](#)  
English

[↓ 3D PDF](#)

## DOCUMENTATION

Product Drawings

**RECEPTACLE 17MM HEIGHT FH 0.8MM B-T-B CONNECTOR WITH STEEL COVER, ON EMBOSS TAPE**

PDF

**English**

CAD Files

**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

---

Product Specifications

Product Specification

### Free Height 0.8 Mm Pitch Board-To-Board Connector (SMT)

PDF

English

---

Product Environmental Compliance

TE Material Declaration

### MD\_2-1735482-4\_092320151153\_dmtec

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 Style** Receptacle

**Connector System** Board-to-Board

**Sealable** No

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

**Row-to-Row Spacing** 2.4 mm [ .0945 in ]

**Series** Free Height

**PCB Mounting Orientation** Vertical

**Boss** With

**Product Type** Connector

---

Configuration Features

**Stackable** Yes

**Cover** With

**Number of Positions** 100

**Board-to-Board Configuration** Mezzanine

**Number of Rows** 2

**Preloaded** Yes

---

Electrical Characteristics

**Dielectric Withstanding Voltage (VAC)** 500

**Insulation Resistance (VAC)** 500

**Voltage (VAC)** 100

---

## Body Features

**Sealant** Without

**Cover Type** Vacuum Cover

**Cover Material** Steel

---

## Contact Features

**Solder Tail Contact Plating Material** Tin over Nickel

**Solder Tail Contact Plating Material Finish** Matte

**Contact Mating Area Plating Material** Gold

**Contact Mating Area Plating Thickness** .76 µm [ 30 µin ]

**Contact Current Rating (Max) (A)** .5

**Solder Tail Contact Plating Thickness** 2 µm [ 78.74 µin ]

**Contact Layout** Inline

**Contact Base Material** Copper Alloy

**Contact Type** Socket

---

## Termination Features

**Termination Method to PC Board** Surface Mount

---

## Mechanical Attachment

**Mating Alignment Type** Polarized

**PCB Mount Retention** Without

**PCB Mount Alignment** With

**PCB Mount Alignment Type** Positioning Bosses

**Locating Post Length** .5 mm [ .02 in ]

---

## Housing Features

**Centerline (Pitch)** .8 mm [ .031 in ]

**Housing Entry Style** Top

**Housing Material** LCP (Liquid Crystal Polymer)

**Housing Color** Natural

---

## Dimensions

**Stack Height (mm)** 17, 18, 19, 20

**Stack Height (in)** .669, .709, .748, .787

**Height** 17 mm [ .669 in ]

---

## Usage Conditions

**Operating Temperature Range** -40 – 125 °C [ -40 – 257 °F ]

**Housing Material Temperature** High

---

## Operation/Application

**Assembly Process Feature** None

**Pick and Place Cover** With

**For Use With** Plug

---

## Industry Standards

**UL Flammability Rating** UL 94V-0

---

Packaging Features

**Packaging Method** Tape & Reel

**Packaging Quantity** 100

---

## PRODUCT COMPLIANCE



Statement of Compliance

**Statement of Compliance**

PDF

---