



+ CONNECTORS

BOARD-TO-BOARD HEADERS & RECEPTACLES



✓ Active

TE CONNECTIVITY (TE)
0.8FH,R17H.5,080,30/Sn,TR,SC
0.8mm FH | .8mm FH

2-1735482-3
TE Internal Number: 2-1735482-3

EU RoHS Compliant
EU ELV Compliant

Connector Style Receptacle

Connector System Board-to-Board

Number of Positions 80

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

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 80

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



Statement of Compliance

Statement of Compliance

PDF
