



CONNECTORS

BOARD-TO-BOARD HEADERS & RECEPTACLES



✓ Active

TE CONNECTIVITY (TE)

0.8FH,R17H.5,140,30/Sn,TU

0.8mm FH | .8mm FH

7-1735480-6

TE Internal Number: 7-1735480-6

EU RoHS Compliant

EU ELV Compliant

Connector Style Receptacle

Connector System Board-to-Board

Number of Positions 140

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 PITCH B-T-B CONNECTOR IN TUBE

PDF (TIFF AVAILABLE)

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_7-1735480-6_080520122159

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

Number of Positions 140

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

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 Without

For Use With Plug

Industry Standards

UL Flammability Rating UL 94V-0

Packaging Features

Packaging Method Box & Tube, Tube

Packaging Quantity 7

PRODUCT COMPLIANCE



Statement of Compliance

Statement of Compliance

PDF
