© 2017 TE Connectivity Ltd. family of companies. All Rights Reserved

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

Downloaded from Arrow.com.

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

Downloaded from Arrow.com.

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

Downloaded from Arrow.com.

Packaging Features

Packaging Method Tape & Reel
Packaging Quantity 100

PRODUCT COMPLIANCE

Statement of Compliance

Statement of Compliance
PDF

Downloaded from Arrow.com.