



CONNECTORS

BOARD-TO-BOARD HEADERS & RECEPTACLES



✓ Active

TE CONNECTIVITY (TE)

.6FHP06H, 160, S, GIG, 08/Sn, TR, NSYes

0.6mm FH | .6mm FH

1-5353186-1

TE Internal Number: 1-5353186-1

EU RoHS Compliant

EU ELV Compliant

Connector Style Plug

Connector System Board-to-Board

Number of Positions 160

Centerline (Pitch) .6 mm [.024 in]

Stack Height (mm) 6, 14

Stack Height (in) .551

 **PRODUCT DRAWING**
English

 **3D PDF**

DOCUMENTATION

Product Drawings

EMBOSS ASSY FH 0.6BTB CONNECTOR PLUG 6H WITH G-PLATE

PDF

English

CAD Files

Customer View Model

3D_IGS.ZIP

English

Customer View Model

3D_STP.ZIP

English

Customer View Model

2D_DXF.ZIP

English

3D PDF

PDF

English

Product Specifications

Application Specification

AMP FH 0.6mm Pitch Board-To-Board Connector

TIF

English

AMP FH 0.6mm Pitch Board-To-Board Connector

PDF

English

Product Specification

0.6 Mm Pitch Board To Board Connector, Free Height Type Lead Free Version

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 Plug

Connector System Board-to-Board

Connector & Contact Terminates To Printed Circuit Board

Series Free Height

PCB Mounting Orientation Vertical

Boss With

Product Type Connector

Configuration Features

Stackable Yes

Number of Positions 160

Board-to-Board Configuration Mezzanine

Number of Rows 2

Preloaded Yes

Electrical Characteristics

Dielectric Withstanding Voltage (VAC) 200

Voltage (VAC) 50

Insulation Resistance (MΩ) 100 – 500

Body Features

Grounding Plate With

Contact Features

Solder Tail Contact Plating Material Tin

Grounding Contact With

Contact Plating Material Nickel, Tin

Contact Plating Thickness 1, 1.3

Contact Mating Area Plating Material Gold

Contact Mating Area Plating Thickness .2 μm [7.874 μin]

Contact Current Rating (Max) (A) .5

Solder Tail Contact Plating Thickness 1 μm [39.37 μin]

Contact Base Material Copper Alloy

Contact Type Pin

Contact Layout Inline

Termination Features

Termination Method to PC Board Surface Mount

Mechanical Attachment

Mating Alignment With

Mating Alignment Type Polarization

PCB Mount Retention With

PCB Mount Retention Type Solder Peg

PCB Mount Alignment With

PCB Mount Alignment Type Locating Posts

Housing Features

Centerline (Pitch) .6 mm [.024 in]

Housing Material High Temperature Thermoplastic

Dimensions

Stack Height (mm) 6, 14

Stack Height (in) .551

Height 6 mm [.23 in]

Usage Conditions

Operating Temperature Range (°C) -40 – 85

Housing Material Temperature High

Operation/Application

Pick and Place Cover Without

For Use With Receptacle

Industry Standards

UL Flammability Rating UL 94V-0

Packaging Features

Packaging Method Reel
Packaging Quantity 800

PRODUCT COMPLIANCE



Statement of Compliance

Statement of Compliance

PDF
