



+ CONNECTORS

BOARD-TO-BOARD HEADERS & RECEPTACLES



✓ Active

TE CONNECTIVITY (TE)
.6FHR04H,140,S,GIG,08/Sn,HT,SEYes
0.6mm FH | .6mm FH

1-5316560-0
TE Internal Number: 1-5316560-0

EU RoHS Compliant
EU ELV Compliant
Connector Style Receptacle
Connector System Board-to-Board
Number of Positions 140
Centerline (Pitch) .6 mm [.024 in]
Stack Height 4 mm [.157 in]

↓ PRODUCT DRAWING
Japanese

↓ 3D PDF

DOCUMENTATION

Product Drawings

HARD TRAY ASSY FH 0.6BTB CONNECTOR REC 4H W/G-CONT

PDF (TIFF AVAILABLE)

Japanese

CAD Files

Customer View Model

2D_DXF.ZIP

English

Customer View Model

3D_IGS.ZIP

English

Customer View Model

3D_STP.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

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
- 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 140
- Board-to-Board Configuration Mezzanine
- Number of Rows 2
- Preloaded Yes

Electrical Characteristics

- Dielectric Withstanding Voltage (VAC) 200
- Voltage (VAC) 50

Body Features

- Sealant With

Contact Features

Solder Tail Contact Plating Material Gold, Tin
Grounding Contact With
Contact Plating Material Gold Flash, Nickel, Tin
Contact Plating Thickness 0.05–0.127, 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 (μm) .05, 1
Solder Tail Contact Plating Thickness (μin) 1.9685, 39.37
Contact Base Material Copper Alloy
Contact Type Socket
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 4 mm [.157 in]
Height 4 mm [.157 in]

Usage Conditions

Operating Temperature Range (°C) -40 – 85

Operation/Application

Pick and Place Cover Without
For Use With Plug

Industry Standards

UL Flammability Rating UL 94V-0

Packaging Features

Packaging Method Hard Tray
Packaging Quantity 30

PRODUCT COMPLIANCE



Statement of Compliance

Statement of Compliance

PDF
