



## BOARD-TO-BOARD HEADERS & RECEPTACLES



✓ Active

↓ **PRODUCT DRAWING**  
English

↓ **3D PDF**

TE CONNECTIVITY (TE)

**.6FHR04H, 160, S, GIG, 08/Sn, TR, NSNo**

0.6mm FH | .6mm FH

1-5353190-1

TE Internal Number: 1-5353190-1

Always EU RoHS/ELV Compliant

Connector Style **Receptacle**

Centerline **.024 mm [ .6 in ]**

Stack Height **4 mm [ .157 in ]**

Number of Positions **160**

Packaging Method **Reel**

### Product Drawings

[EMBOSS ASSY FH 0.6BTB CONNECTOR REC 4H WITH G-CONTACT](#)

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 Environmental Compliance

TE Material Declaration

[MD\\_1-5353190-1\\_05282015724\\_dmttec](#)

PDF  
English

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	<b>Receptacle</b>
	Board-to-Board Configuration	<b>Mezzanine</b>
	PCB Mounting Orientation	<b>Vertical</b>
	Applies To	<b>Printed Circuit Board</b>
	Product Type	<b>Connector</b>
	Boss	<b>With</b>
	Series	<b>Free Height</b>
<hr/>		
Configuration Features	Number of Positions	<b>160</b>
	Preloaded	<b>Yes</b>
	Number of Rows	<b>2</b>
	Stackable	<b>Yes</b>
<hr/>		
Electrical Characteristics	Voltage (VAC)	<b>50</b>
	Dielectric Withstanding Voltage (VAC)	<b>200</b>
<hr/>		
Contact Features	Contact Mating Area Plating Material	<b>Gold</b>
	Contact Mating Area Plating Thickness	<b>.2 <math>\mu\text{m}</math> [ 7.874 <math>\mu\text{in}</math> ]</b>
	Contact Current Rating (A)	<b>.5</b>
	Contact Type	<b>Socket</b>
	Solder Tail Contact Plating Material	<b>Gold, Tin</b>
	Contact Layout	<b>Inline</b>
	Grounding Contact	<b>With</b>
	Solder Tail Contact Plating Thickness ( $\mu\text{m}$ )	<b>.05, 1</b>
	Solder Tail Contact Plating Thickness ( $\mu\text{in}$ )	<b>1.9685, 39.37</b>
Contact Base Material	<b>Copper Alloy</b>	
<hr/>		
Termination Features	Termination Method to PC Board	<b>Surface Mount</b>
<hr/>		
Mechanical Attachment	Mating Alignment Type	<b>Polarization</b>
	PCB Mount Retention	<b>Without</b>
	PCB Mount Retention Type	<b>Solder Peg</b>
	PCB Mount Alignment Type	<b>Locating Posts</b>
<hr/>		
Housing Features	Centerline	<b>.024 mm [ .6 in ]</b>
	Housing Material	<b>High Temperature Thermoplastic</b>

Dimensions	Stack Height	<b>4 mm [ .157 in ]</b>
	Height	<b>4 mm [ .157 in ]</b>
Usage Conditions	Operating Temperature Range (°C)	<b>-40 – 85</b>
Operation/Application	Pick and Place Cover	<b>Without</b>
	For Use With	<b>Plug</b>
Industry Standards	UL Flammability Rating	<b>UL 94V-0</b>
Packaging Features	Packaging Method	<b>Reel</b>
	Packaging Quantity	<b>1000</b>
Product Compliance	<a href="#">Statement of Compliance PDF</a> <a href="#">VIEW ALL PRODUCT COMPLIANCE</a>	

Products - 11 Results

[View All](#)

[Compare 0/10](#)

Relation Type ▼

RELATIONSHIP

### Mating Products

Used to identify Mating Parts

[See All Mating Products](#)

PRODUCT - MATING PRODUCTS



Connectors - Board-to-Board Headers & Receptacles

0.6mm FH | .6mm FH

**.6FHP06H, 160, S, GIG, 08/Sn, TR, NSYes - 1-5353186-1**

TE INTERNAL NUMBER: 1-5353186-1

✓ Active

Always EU RoHS/ELV Compliant

Connector Style **Plug**

Centerline **.024 mm**

Stack Height **6 mm, 14 mm**

Number of Positions **160**

Packaging Method **Reel**



RELATIONSHIP

### Mating Products

Used to identify Mating Parts

[See All Mating Products](#)

PRODUCT - MATING PRODUCTS



Connectors - Board-to-Board Headers &

Always EU RoHS/ELV Compliant





Receptacles  
0.6mm FH | .6mm FH  
**.6FHP10H, 160, S, GIG,  
08/Sn, ST, SEYes**  
**- 6-6123845-1**  
TE INTERNAL NUMBER: 6-6123845-1

✓ Active

Always EU RoHS/ELV Compliant

Connector Style **Plug**  
Centerline **.024 mm**  
Stack Height **10 mm**  
Number of Positions **160**  
Packaging Method **Tray**

RELATIONSHIP

**Mating Products**

Used to identify Mating Parts

[See All Mating Products](#)

PRODUCT - MATING PRODUCTS



Connectors - Board-to-Board Headers &  
Receptacles  
0.6mm FH | .6mm FH  
**.6FHP07H, 160, S, GIG,  
08/Sn, TR, SENo**  
**- 6-5353831-1**  
TE INTERNAL NUMBER: 6-5353831-1

✓ Active

Always EU RoHS/ELV Compliant

Connector Style **Plug**  
Centerline **.024 mm**  
Stack Height **7 mm**  
Number of Positions **160**  
Packaging Method **Reel**

