



# BOARD-TO-BOARD HEADERS & RECEPTACLES



Active

PRODUCT DRAWING  
English

3D PDF

TE CONNECTIVITY (TE)

0.8FH,R17H.5,080,08/Sn,TU

0.8mm FH | .8mm FH

5-1735480-3

TE Internal Number: 5-1735480-3

Always EU RoHS/ELV Compliant

Connector Style **Receptacle**

Centerline **.031 mm [.8 in]**

Stack Height (mm) **17, 18, 19, 20**

Stack Height (in) **.6681, .787**

Number of Positions **80**

Packaging Method **Tube, Tube/Box**

## Product Drawings

[RECEPTACLE 17MM HEIGHT FH 0.8MM PITCH B-T-B CONNECTOR IN TUBE](#)

PDF (TIFF AVAILABLE)  
English

[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

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**

Board-to-Board Configuration

**Mezzanine**





PCB Mounting Orientation

**Vertical**

	Row-to-Row Spacing	<b>2.4 mm [ .09432 in ]</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>80</b>
	Preloaded	<b>Yes</b>
	Number of Rows	<b>2</b>
	Stackable	<b>Yes</b>
<hr/>		
Electrical Characteristics	Insulation Resistance (VAC)	<b>500</b>
	Voltage (VAC)	<b>100</b>
	Dielectric Withstanding Voltage (VAC)	<b>500</b>
<hr/>		
Body Features	Sealant	<b>Without</b>
<hr/>		
Contact Features	Contact Mating Area Plating Material	<b>Gold</b>
	Contact Mating Area Plating Thickness	<b>.2 µm [ 7.874 µin ]</b>
	Contact Current Rating (A)	<b>.5</b>
	Contact Type	<b>Socket</b>
	Solder Tail Contact Plating Material	<b>Tin</b>
	Contact Layout	<b>Inline</b>
	Solder Tail Contact Plating Material Finish	<b>Matte</b>
	Solder Tail Contact Plating Thickness	<b>2 µm [ 78.74 µin ]</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>Polarized</b>
	PCB Mount Retention	<b>Without</b>
	PCB Mount Retention Type	<b>None</b>
	PCB Mount Alignment Type	<b>Positioning Bosses</b>
	Locating Post Length (mm)	<b>.5</b>
	Locating Post Length (in)	<b>.0196</b>
<hr/>		
Housing Features	Centerline	<b>0.21 mm [ .8 in ]</b>

Housing Features	Centerline	.951 mm [.037 in]
	Housing Material	<b>LCP (Liquid Crystal Polymer)</b>
	Housing Color	<b>Natural</b>
	Housing Entry Style	<b>Top</b>
Dimensions	Stack Height (mm)	<b>17, 18, 19, 20</b>
	Stack Height (in)	<b>.6681, .787</b>
	Height	<b>15.75 mm [.619 in]</b>
Usage Conditions	Operating Temperature Range	<b>-40 – 85 °C [-40 – 185 °F]</b>
	Housing Material Temperature	<b>High</b>
Operation/Application	Pick and Place Cover	<b>Without</b>
	Assembly Process Feature	<b>None</b>
	For Use With	<b>Plug Assembly</b>
Industry Standards	UL Flammability Rating	<b>UL 94V-0</b>
Packaging Features	Packaging Method	<b>Tube, Tube/Box</b>
	Packaging Quantity	<b>12</b>
Product Compliance	<a href="#">Statement of Compliance PDF</a> <a href="#">VIEW ALL PRODUCT COMPLIANCE</a>	

## CUSTOMERS ALSO BOUGHT

SATA CONNECTORS	RJ45 CONNECTORS	BOARD-TO-BOARD HEADERS & RECEPTACLES	SURFACE MOUNT RESISTORS
 <p>SATA BACKPLANE RECEPTACLE, VERTICAL, SMT 1735284-3</p> <p><a href="#">Save to List</a> <a href="#">Find Similar Products</a></p>	 <p>INV MJ, 1X1, SHIELDED, LED (Y/G) 6116075-4</p> <p><a href="#">Save to List</a> <a href="#">Find Similar Products</a></p>	 <p>0.8FH, P08H.5, 080, 08/Sn, TU 5179031-3</p> <p><a href="#">Save to List</a> <a href="#">Find Similar Products</a></p>	 <p>CPF 0402 1K43 0.1% 25PPM 1K RL CPF0402B1K43E1</p> <p><a href="#">Save to List</a> <a href="#">Find Similar Products</a></p>

Relation Type

RELATIONSHIP

### Mating Products

Used to identify Mating Parts

See All Mating Products

PRODUCT - MATING PRODUCTS



Connectors - Board-to-Board Headers & Receptacles  
0.8mm FH | .8mm FH

**0.8FH, P06H.5, 080, 30/Sn, TU - 5084615-3**

TE INTERNAL NUMBER: 5084615-3

Active

Always EU RoHS/ELV Compliant

Connector Style **Plug**

Centerline **.031 mm**

Stack Height **6 mm, 10 mm, 14 mm, 18 mm**

Number of Positions **80**

Packaging Method **Tube, Tube/Box**



RELATIONSHIP

### Mating Products

Used to identify Mating Parts

See All Mating Products

PRODUCT - MATING PRODUCTS



Connectors - Board-to-Board Headers & Receptacles  
0.8mm FH | .8mm FH

**0.8FH, P07H.5, 080, 30/Sn, TU - 1-5179030-3**

TE INTERNAL NUMBER: 1-5179030-3

Active

Always EU RoHS/ELV Compliant

Connector Style **Plug**

Centerline **.031 mm**

Stack Height **7 mm, 11 mm, 15 mm, 19 mm**

Number of Positions **80**

Packaging Method **Tube, Tube/Box**



RELATIONSHIP

### Mating Products

Used to identify Mating Parts

See All Mating Products

PRODUCT - MATING PRODUCTS



Connectors - Board-to-Board Headers & Receptacles  
0.8mm FH | .8mm FH

**0.8FH, P06H.5, 080, 08/Sn, TU - 5179029-3**

TE INTERNAL NUMBER: 5179029-3

Active

Always EU RoHS/ELV Compliant

Connector Style **Plug**

Centerline **.031 mm**

Stack Height **6 mm, 10 mm, 14 mm, 18 mm**

Number of Positions **80**

Packaging Method **Tube, Tube/Box**

