



## BOARD-TO-BOARD HEADERS & RECEPTACLES



✓ Active

↓ **PRODUCT DRAWING**  
English

↓ **3D PDF**

TE CONNECTIVITY (TE)

**0.8FH,P07H.5,040,08/Sn,TU**

0.8mm FH | .8mm FH

5179030-1

TE Internal Number: 5179030-1

Always EU RoHS/ELV Compliant

Connector Style **Plug**

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

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

Stack Height (in) **.748**

Number of Positions **40**

Packaging Method **Tube, Tube/Box**

### Product Drawings

**PLUG ASSEMBLY 7H TYPE (0.5 BOSS LENGTH) FOR FH 0.8mm PITCH B-T-B CONNECTOR**

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

### Catalog Pages/Data Sheets

**Fine Pitch Stacking Connectors - 0.8mm Free Height (FH) Connectors**

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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\_5179030-1\_06232014644\_dmtec**

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>Plug</b>
	Board-to-Board Configuration	<b>Mezzanine</b>
	PCB Mounting Orientation	<b>Vertical</b>
	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>	
Configuration Features	Number of Positions	<b>40</b>
	Preloaded	<b>Yes</b>
	Number of Rows	<b>2</b>
	Stackable	<b>Yes</b>
Electrical Characteristics	Insulation Resistance (VAC)	<b>500</b>
	Voltage (VAC)	<b>100</b>
	Dielectric Withstanding Voltage (VAC)	<b>500</b>
Body Features	Sealant	<b>Without</b>
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>Pin</b>
	Solder Tail Contact Plating Material	<b>Tin over Nickel</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>Brass</b>
Termination Features	Termination Method to PC Board	<b>Surface Mount</b>
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>

PC Mount Alignment Type	<b>Positioning Buses</b>
Locating Post Length (mm)	<b>.5</b>
Locating Post Length (in)	<b>.0196</b>

Housing Features	Centerline	<b>.031 mm [ .8 in ]</b>
	Housing Material	<b>LCP (Liquid Crystal Polymer)</b>
	Housing Color	<b>Natural</b>
	Housing Entry Style	<b>Top</b>

Dimensions	Stack Height (mm)	<b>7, 11, 15, 19</b>
	Stack Height (in)	<b>.748</b>
	Height	<b>7 mm [ .269205 in ]</b>

Usage Conditions	Operating Temperature Range	<b>-40 – 85 °C [ -40 – 185 °F ]</b>
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Operation/Application	Pick and Place Cover	<b>With</b>
	Assembly Process Feature	<b>None</b>

Industry Standards	UL Flammability Rating	<b>UL 94V-0</b>
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Packaging Features	Packaging Method	<b>Tube, Tube/Box</b>
	Packaging Quantity	<b>22</b>

Product Compliance


[Statement of Compliance](#)  
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[VIEW ALL PRODUCT COMPLIANCE](#)

Products - 19 Results

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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

[Always EU RoHS/ELV Compliant](#)

Connector Style **Receptacle**





0.8FH, R09H.5, 040,  
08/Sn, TU - 5-5179009-1

TE INTERNAL NUMBER: 5-5179009-1

✓ Active

Connector Style **Receptacle**

Centerline **.031 mm**

Stack Height **9 mm, 10 mm, 11 mm, 12 mm**

Number of Positions **40**

Packaging Method **Tube, Tube/Box**

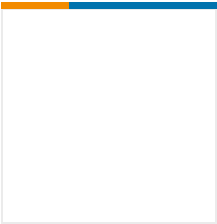
RELATIONSHIP

### 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, R09H.5, 040,  
08/Sn, TR, SC  
- 5-5179180-1

TE INTERNAL NUMBER: 5-5179180-1

✓ Active

Always EU RoHS/ELV Compliant

Connector Style **Receptacle**

Centerline **.031 mm**

Stack Height **9 mm, 10 mm, 11 mm, 12 mm**

Number of Positions **40**

Packaging Method **Tape & Reel**



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, R17H.5, 040,  
08/Sn, TR, SC - 1735482-1

TE INTERNAL NUMBER: 1735482-1

✓ Active

Always EU RoHS/ELV Compliant

Connector Style **Receptacle**

Centerline **.031 mm**

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

Number of Positions **40**

Packaging Method **Tape & Reel**

