



## BOARD-TO-BOARD HEADERS & RECEPTACLES



✓ Active

↓ **PRODUCT DRAWING**  
English

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TE CONNECTIVITY (TE)

**0.8FH,R09H.5,100,08/Sn,TU**

0.8mm FH | .8mm FH

5-5179009-4

TE Internal Number: 5-5179009-4

Always EU RoHS/ELV Compliant

Connector Style **Receptacle**

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

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

Stack Height (in) **.472**

Number of Positions **100**

Packaging Method **Tube, Tube/Box**

### Product Drawings

**RECEPTACLE ASSY 9H TYPE 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**

PDF  
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\_5-5179009-4\_102220142219\_dmtec**

PDF  
English

Product Type Features	Connector Style	Receptacle
	Board-to-Board Configuration	Mezzanine
	PCB Mounting Orientation	Vertical
	Row-to-Row Spacing	2.4 mm [ .09432 in ]
	Applies To	Printed Circuit Board
	Product Type	Connector
	Boss	With
	Series	Free Height
Configuration Features	Number of Positions	100
	Preloaded	Yes
	Number of Rows	2
	Stackable	Yes
Electrical Characteristics	Insulation Resistance (VAC)	500
	Voltage (VAC)	100
	Dielectric Withstanding Voltage (VAC)	500
Body Features	Sealant	Without
Contact Features	Contact Mating Area Plating Material	Gold
	Contact Mating Area Plating Thickness	.2 µm [ 7.874 µin ]
	Contact Current Rating (A)	.5
	Contact Type	Socket
	Solder Tail Contact Plating Material	Tin over Nickel
	Contact Layout	Inline
	Solder Tail Contact Plating Material Finish	Matte
	Solder Tail Contact Plating Thickness	2 µm [ 78.74 µin ]
	Contact Base Material	Beryllium Copper
Termination Features	Termination Method to PC Board	Surface Mount
Mechanical Attachment	Mating Alignment Type	Polarized
	PCB Mount Retention	Without
	PCB Mount Retention Type	None
	PCB Mount Alignment Type	Positioning Bosses

	Locating Post Length (mm)	.5
	Locating Post Length (in)	.0196
Housing Features	Centerline	.031 mm [ .8 in ]
	Housing Material	LCP (Liquid Crystal Polymer)
	Housing Color	Natural
	Housing Entry Style	Top
Dimensions	Stack Height (mm)	9, 10, 11, 12
	Stack Height (in)	.472
	Height	9 mm [ .35 in ]
Usage Conditions	Operating Temperature Range	-40 – 85 °C [ -40 – 185 °F ]
Operation/Application	Pick and Place Cover	With
	Assembly Process Feature	None
Industry Standards	UL Flammability Rating	UL 94V-0
Packaging Features	Packaging Method	Tube, Tube/Box
	Packaging Quantity	10
Product Compliance	<a href="#">Statement of Compliance</a> PDF  <a href="#">VIEW ALL PRODUCT COMPLIANCE</a>	

CUSTOMERS ALSO BOUGHT

BOARD-TO-BOARD HEADERS & RECEPTACLES

0.8FH, P08H.5, 100, 08/Sn, TU  
5179031-4

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8-2176092-0

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CPF0402B1K65E1

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7-2176092-0

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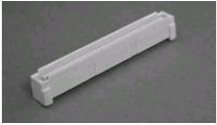
Relation Type

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  
**0.8FH, P08H.5, 100, 08/Sn, TU - 5179031-4**  
TE INTERNAL NUMBER: 5179031-4

✓ Active

Always EU RoHS/ELV Compliant

Connector Style **Plug**

Centerline **.031 mm**

Stack Height **8 mm, 12 mm, 16 mm, 20 mm**

Number of Positions **100**

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, 100, 30/Sn, TU - 1-5179030-4**  
TE INTERNAL NUMBER: 1-5179030-4

✓ 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 **100**

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, 100, 30/Sn, TU - 5084615-4**  
TE INTERNAL NUMBER: 5084615-4

✓ 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 **100**

Packaging Method **Tube, Tube/Box**

✓

