



BOARD-TO-BOARD HEADERS & RECEPTACLES



✓ Active

[↓ PRODUCT DRAWING](#)
English

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TE CONNECTIVITY (TE)

0.8FH, P08H.5, 200, 30/Sn, TU

0.8mm FH | .8mm FH

1-6123002-0

TE Internal Number: 1-6123002-0

Always EU RoHS/ELV Compliant

Connector Style **Plug**

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

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

Stack Height (in) **.787**

Number of Positions **200**

Packaging Method **Tube, Tube/Box**

Product Drawings

[PLUG ASSY FOR FH 0.8 BTB CONNECTOR 8H 0.5 BOSS LENGTH \(0.76UM GOLD\)](#)

PDF
English

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

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

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

Plug

Board-to-Board Configuration

Mezzanine

PCB Mounting Orientation

Vertical

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	200
	Preloaded	Yes
	Number of Rows	2
	Stackable	No

Electrical Characteristics	Insulation Resistance (VAC)	500
	Voltage (VAC)	100
	Dielectric Withstanding Voltage (VAC)	500

Body Features	Sealant	Without
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Contact Features	Contact Mating Area Plating Material	Gold
	Contact Mating Area Plating Thickness (µm)	.76
	Contact Current Rating (A)	.5
	Contact Type	Pin
	Solder Tail Contact Plating Material	Tin
	Contact Layout	Inline
	Solder Tail Contact Plating Material Finish	Matte
	Solder Tail Contact Plating Thickness	2 µm [78.74 µin]
	Contact Base Material	Copper Alloy


Termination Features	Termination Method to PC Board	Surface Mount
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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)	8, 12, 16, 20
	Stack Height (in)	.787
	Height (mm)	7.6
Usage Conditions	Operating Temperature Range	-40 – 85 °C [-40 – 185 °F]
Operation/Application	Pick and Place Cover	Without
	Assembly Process Feature	None
	For Use With	Receptacle Assembly
Industry Standards	UL Flammability Rating	UL 94V-0
Packaging Features	Packaging Method	Tube, Tube/Box
	Packaging Quantity	5
Product Compliance	Statement of Compliance PDF VIEW ALL PRODUCT COMPLIANCE	

Products - 12 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

0.8FH, R13H.5, 200, 08/Sn, TU - 6-5179010-0

TE INTERNAL NUMBER: 6-5179010-0

 Active

[Always EU RoHS/ELV Compliant](#)

Connector Style **Receptacle**

Centerline **.031 mm**

Stack Height **13 mm, 14 mm, 15 mm, 16 mm**



Number of Positions **200**

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, 200,
30/Sn, TU - 1-5084613-0

TE INTERNAL NUMBER: 1-5084613-0

✓ 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 **200**

Packaging Method **Tube,**
Tube/Box

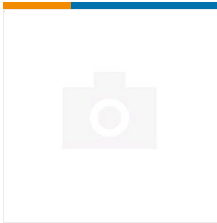


RELATIONSHIP

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, R17H.5, 200,
30/Sn, TR, SC
- 3-1735482-0

TE INTERNAL NUMBER: 3-1735482-0

✓ Active

Always EU RoHS/ELV Compliant

Connector Style **Receptacle**

Centerline **.031 mm**

Number of Positions **200**

Packaging Method **Tape & Reel**

Contact Mating Area Plating
Material **Gold**

