

BOARD-TO-BOARD HEADERS & RECEPTACLES





✓ Active



PRODUCT DRAWING



3D PDF

TE CONNECTIVITY (TE)
0.8FH,R09H.5,140,08/Sn,TU

0.8mm FH | .8mm FH

5-5179009-6

TE Internal Number: 5-5179009-6

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 140

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_5-5179009-6_03052014816_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	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	140
	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
	Contact Layout Solder Tail Contact Plating Material Finish	Inline Matte
	Solder Tail Contact Plating Material Finish	Matte
Termination Features	Solder Tail Contact Plating Material Finish Solder Tail Contact Plating Thickness	Matte 2 μm [78.74 μin]
	Solder Tail Contact Plating Material Finish Solder Tail Contact Plating Thickness Contact Base Material	Matte 2 μm [78.74 μin] Beryllium Copper
	Solder Tail Contact Plating Material Finish Solder Tail Contact Plating Thickness Contact Base Material Termination Method to PC Board	Matte 2 µm [78.74 µin] Beryllium Copper Surface Mount
Termination Features Mechanical Attachment	Solder Tail Contact Plating Material Finish Solder Tail Contact Plating Thickness Contact Base Material Termination Method to PC Board Mating Alignment Type	Matte 2 µm [78.74 µin] Beryllium Copper Surface Mount Polarized

	Locating Post Length (mm) Locating Post Length (in)	.5
Housing Features	Centerline Housing Material Housing Color Housing Entry Style	.031 mm [.8 in] LCP (Liquid Crystal Polymer) Natural Top
Dimensions	Stack Height (mm) Stack Height (in) Height	9, 10, 11, 12 .472 9 mm [.35 in]
Usage Conditions	Operating Temperature Range	-40 – 85 °C [-40 – 185 °F]

With

Assembly Process Feature None

Industry Standards UL Flammability Rating UL 94V-0

Packaging Features Packaging Method **Tube, Tube/Box**Packaging Quantity **350**

Pick and Place Cover

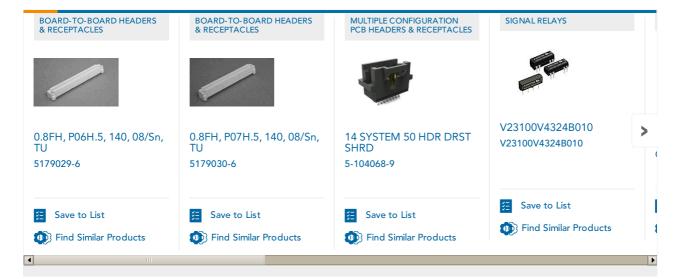
Product Compliance Statement of Compliance

PDF

VIEW ALL PRODUCT COMPLIANCE

CUSTOMERS ALSO BOUGHT

Operation/Application



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
0.8mm FH I .8mm FH

0.8FH, P07H.5, 140, 30/Sn, TU - 1-5179030-6 TE INTERNAL NUMBER: 1-5179030-6

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Always EU RoHS/ELV Compliant

Connector Style Plug

Centerline .031 mm

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

Number of Positions 140

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 I .8mm FH 0.8FH, P08H.5, 140, 30/Sn, TU - 6123002-6 TE INTERNAL NUMBER: 6123002-6

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Always EU RoHS/ELV Compliant

Connector Style Plug

Centerline .031 mm

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

Number of Positions 140

Packaging Method **Tube**,

Tube/Box

RELATIONSHIP

Mating Products Used to identify Mating Parts

PRODUCT - MATING PRODUCTS

Connectors - Board-to-Board Headers &

Receptacles 0.8mm FH | .8mm FH

0.8FH, P08H.5, 140, 08/Sn, TR, SC - 3-5177986-6
TE INTERNAL NUMBER: 3-5177986-6

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Always EU RoHS/ELV Compliant

Connector Style **Plug**

Centerline .031 mm

Stack Height 8 mm, 12 mm, 16

mm, 20 mm

Number of Positions 140

Packaging Method Tape & Reel





See All Mating Products