

BOARD-TO-BOARD HEADERS & RECEPTACLES





PRODUCT DRAWING



3D PDF

TE CONNECTIVITY (TE)

0.8FH,R05H.5,120,08/Sn,TR,SC

0.8mm FH | .8mm FH

5177985-5

TE Internal Number: 5177985-5

Always EU RoHS/ELV Compliant

Connector Style Receptacle

Centerline .031 mm [.8 in]

Stack Height (mm) 5, 6, 7, 8

Stack Height (in) .315

Number of Positions 120

Packaging Method Reel

RECEPTACLE ASSY 5H TYPE (0.5 BOSS LENGTH) FOR FH 0.8 B-T-B CONN. ON **Product Drawings**

TAPING

PDF (TIFF AVAILABLE)

English

RECEPTACLE ASSY 5H TYPE (0.5 BOSS LENGTH) FOR FH 0.8 B-T-B CONN. ON

PDF (TIFF AVAILABLE)

English

3D PDF **CAD Files**

PDF **English**

Customer View Model

3D_IGS.ZIP English

Customer View Model

3D_STP.ZIP English

Customer View Model

2D_DXF.ZIP English

Fine Pitch Stacking Connectors - 0.8mm Free Height (FH) Connectors Catalog Pages/Data Sheets

PDF **English**

Product Specification Free Height 0.8 Mm Pitch Board-To-Board Connector (SMT)

PDF **English**

Product Environmental Compliance

Product Specifications

TE Material Declaration MD_5177985-5_05282015733_dmtec

PDF

English

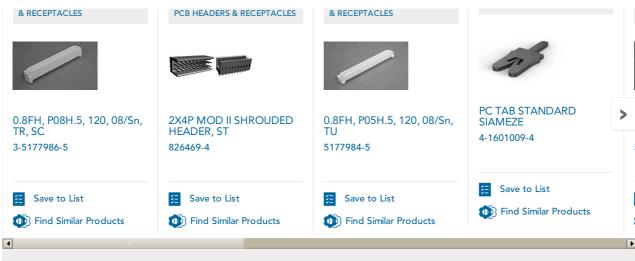
Please review product documents or contact us for the latest agency approval information. Please Note: Use the Product Drawing for all design activity.

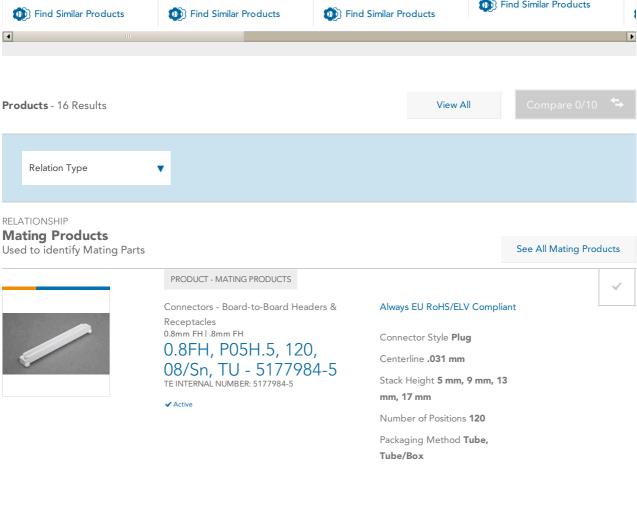
Product Type Features	Connector Style	Receptacle
	Board-to-Board Configuration	Mezzanine
	PCB Mounting Orientation	Vertical
	Row-to-Row Spacing	2.4 mm [.09432 in]
	Product Type	Connector
	Applies To	Printed Circuit Board
	Boss	With
	Series	Free Height
Configuration Features	Number of Positions	120
	Cover	With
	Preloaded	Yes
	Number of Rows	2
	Stackable	Yes
Electrical Characteristics	Insulation Resistance (VAC)	500
	Voltage (VAC)	100
	Dielectric Withstanding Voltage (VAC)	500
Body Features	Cover Material	Steel
	Cover Type	Vacuum Cover
	Sealant	Without
Contact Features	Contact Mating Area Plating Material	Gold
	Contact Mating Area Plating Thickness (µin)	8
	Contact Shape	Square
	Contact Current Rating (A)	.5
		Socket
	Contact Type	
	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	Copper Alloy

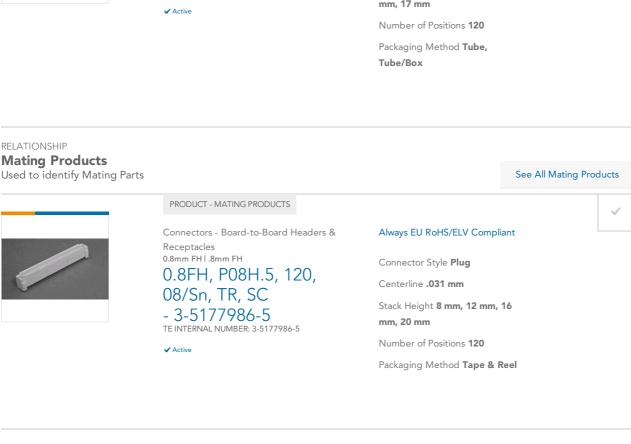
Termination Features	Termination Method to PC Board	Surface Mount
Mechanical Attachment	Mating Alignment Type PCB Mount Retention PCB Mount Retention Type PCB Mount Alignment Type Locating Post Length (mm) Locating Post Length (in)	Polarized Without None Positioning Bosses .5 .0196
Housing Features	Centerline 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	5, 6, 7, 8 .315 5 mm [.197 in]
Usage Conditions	Operating Temperature Range Housing Material Temperature	-40 – 85 °C [-40 – 185 °F] High
Operation/Application	Pick and Place Cover Assembly Process Feature For Use With	Without None Plug Assembly
Industry Standards	UL Flammability Rating	UL 94V-0
Packaging Features	Packaging Method Packaging Quantity	Reel 700
Product Compliance	Statement of Compliance PDF VIEW ALL PRODUCT COMPLIANCE	

CUSTOMERS ALSO BOUGHT

BOARD-TO-BOARD HEADERS MULTIPLE CONFIGURATION BOARD-TO-BOARD HEADERS MOTOR TERMINALS









PRODUCT - MATING PRODUCTS

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

0.8FH, P07H.5, 120, 08/Sn, TR, SC - 2-5177986-5 TE INTERNAL NUMBER: 2-5177986-5

✓ 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 120

Packaging Method Tape & Reel

