

BOARD-TO-BOARD HEADERS & RECEPTACLES



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PRODUCT DRAWING English

J 3D PDF

TE CONNECTIVITY (TE) 0.8FH,P08H.5,100,08/Sn,TU 0.8mm FH | .8mm FH y D f v

5179031-4 TE Internal Number: 5179031-4

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 100

Packaging Method Tube, Tube/Box

Product Drawings	PLUG ASSY (0.5 BOSS LENGTH) FOR FH 0.8 B-T-B STACKING CONN. 8MM HEIGHT
	PDF (TIFF AVAILABLE) English
	PLUG ASSY (0.5 BOSS LENGTH) FOR FH 0.8 B-T-B STACKING CONN. 8MM
	HEIGHT PDF (TIFF AVAILABLE) 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	e
TE Material Declaration	MD_5179031-4_0926201351_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	Plug
	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	Pin
	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	Brass
Termination Features	Termination Method to PC Board	Surface Mount
Mechanical Attachment	Mating Alignment Type	Polarized

PCB Mount Retention Type Nome PCB Mount Alignment Type Positioning Bosses Locating Post Length (nm) .5 Locating Post Length (nm) .031 mm [.3 in] Housing Features Centerline .031 mm [.3 in] Housing Color Housing Color Natural Housing Entry Style Top Dimensions Stack Height (nm) 8, 12, 16, 20 Usage Conditions Operating Temperature Range 40-85*C [.40-185*F] Operation/Application Pick and Place Cover With Accombly Process Feature None Industry Standards UL Flammability Rating UL 94V-0 Packaging Features Packaging Method Tube, Tube/Box Packaging Countity 10 Packaging Countity		PCB Mount Retention	Without
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Locating Post Length (in) .0196 Housing Features Centerline .031 mm [.3 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 8mm [.3085 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 Cuantity 10		PCB Mount Alignment Type	Positioning Bosses
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 Haight 8 mm [.3085 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 Porduct Compliance Statement of Compliance 10		Locating Post Length (mm)	.5
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Housing Entry Style Top Dimensions Stack Height (mm) 8, 12, 16, 20 Stack Height (in) .787 Height 8mm [.3095 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 Product Compliance Statement of Compliance 10		Housing Material	LCP (Liquid Crystal Polymer)
Dimensions Stack Height (mm) 8, 12, 16, 20 Stack Height (in) .787 Height 8 mm [.3085 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		Housing Color	Natural
Stack Height (in).787Height8 mm [.3085 in]Usage ConditionsOperating Temperature Range-40 - 85 °C [-40 - 185 °F]Operation/ApplicationPick and Place CoverWithAssembly Process FeatureNoneIndustry StandardsUL Flammability RatingUL 94V-0Packaging FeaturesPackaging MethodTube, Tube/BoxProduct ComplianceStatement of Compliance10		Housing Entry Style	Тор
Height8 mm [.3085 in]Usage ConditionsOperating Temperature Range40 - 85 °C [-40 - 185 °F]Operation/ApplicationPick and Place CoverWithAssembly Process FeatureNoneIndustry StandardsUL Flammability RatingUL 94V-0Packaging FeaturesPackaging MethodTube, Tube/BoxPackaging Quantity10Product ComplianceStatement of Compliance	Dimensions	Stack Height (mm)	8, 12, 16, 20
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 Product Compliance Statement of Compliance 10		Stack Height (in)	.787
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 Statement of Compliance		Height	8 mm [.3085 in]
Assembly Process FeatureNoneIndustry StandardsUL Flammability RatingUL 94V-0Packaging FeaturesPackaging MethodTube, Tube/BoxPackaging Quantity10Product CompliancePackaging Compliance	Usage Conditions	Operating Temperature Range	-40 – 85 °C [-40 – 185 °F]
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Packaging Features Packaging Method Tube, Tube/Box Packaging Quantity 10 Product Compliance Statement of Compliance PDF Packaging Quantity		Assembly Process Feature	None
Packaging Quantity 10 Product Compliance Statement of Compliance PDF PDF	Industry Standards	UL Flammability Rating	UL 94V-0
Product Compliance Statement of Compliance PDF	Packaging Features	Packaging Method	Tube, Tube/Box
PDF		Packaging Quantity	10
	Product Compliance	Statement of Compliance	
Products - 20 Results View All Compare 0/10	Products - 20 Results		View All Compare 0/10 🗧
Relation Type	Relation Type 🔻		
RELATIONSHIP Mating Products	Mating Products		
Used to identify Mating Parts See All Mating Products	Used to identify Mating Parts		See All Mating Products



Connectors - Board-to-Board Headers & Receptacles 0.8mm FH I.8mm FH 0.8FH, R17H.5, 100, 08/Sn, TU, SC - 1735481-4 TE INTERNAL NUMBER: 1735481-4

Always EU RoHS/ELV Compliant

Connector Style **Receptacle**

Centerline .031 mm

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

Number of Positions 100

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 I .8mm FH 0.8FH, R09H.5, 100, 30/Sn, TR, SC - 7-5179180-4 TE INTERNAL NUMBER: 7-5179180-4

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See All Mating Products

See All Mating Products

Always EU RoHS/ELV Compliant Connector Style Receptacle Centerline .031 mm Stack Height 9 mm, 10 mm, 11 mm, 12 mm Number of Positions 100 Packaging Method Tape & Reel

RELATIONSHIP Mating Products Used to identify Mating Parts



PRODUCT - MATING PRODUCTS

Connectors - Board-to-Board Headers & Receptacles 0.8mm FH I .8mm FH 0.8FH, R05H.5, 100, 08/Sn, TU, SC - 5179229-4 TE INTERNAL NUMBER: 5179229-4

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Connector Style **Receptacle**

Centerline .031 mm

Stack Height **5 mm, 6 mm, 7 mm, 8 mm**

Number of Positions 100

Packaging Method **Tube**, **Tube/Box**