



BOARD-TO-BOARD HEADERS & RECEPTACLES



✓ Active

↓ **PRODUCT DRAWING**
English

↓ **3D PDF**

TE CONNECTIVITY (TE)

0.8FH, P08H.5, 040, 08/Sn, TR, KT

0.8mm FH | .8mm FH

1735434-1

TE Internal Number: 1735434-1

Always EU RoHS/ELV Compliant

Connector Style **Plug**

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

Stack Height **8 mm [.315 in]**

Number of Positions **40**

Packaging Method **Tape & Reel**

Product Drawings

PLUG ASSY FOR 0.8 FH BTB CONN. 8MM HEIGHT (0.5MM BOSS LENGTH) ON EMBOSSED TAPING WITH POLYIMIDE FILE, LF

PDF **(TIFF AVAILABLE)**
English

PLUG ASSY FOR 0.8 FH BTB CONN. 8MM HEIGHT (0.5MM BOSS LENGTH) ON EMBOSSED TAPING WITH POLYIMIDE FILE, LF

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CAD Files

3D PDF

PDF
3D

Customer View Model

2D_DXF.ZIP
English

Customer View Model

3D_IGS.ZIP
English

Customer View Model

3D_STP.ZIP
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
	Row-to-Row Spacing	2.4 mm [.09432 in]
	Applies To	Printed Circuit Board
	Product Type	Connector
	Boss	With
Configuration Features	Series	Free Height
	Number of Positions	40
	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	Nickel, silver
	Sealant	Without
Contact Features	Contact Mating Area Plating Material	Gold
	Contact Mating Area Plating Thickness	.2 µm [7.874 µin]
	Contact Shape	Square
	Contact Current Rating (A)	.5
	Contact Type	Tab
	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
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 (mm)	.3
	Locating Post Length (in)	.0196
Housing Features	Centerline	.031 mm [.8 in]
	Housing Material	High Temperature Thermoplastic
	Housing Color	Natural
	Housing Entry Style	Top
Dimensions	Stack Height	8 mm [.315 in]
	Height	8 mm [.314 in]
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	Tape & Reel
	Packaging Quantity	600
Product Compliance	Statement of Compliance PDF	
	VIEW ALL PRODUCT COMPLIANCE	