

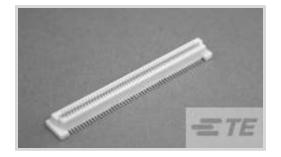
Free Height

TE Internal #: 6123000-4 PCB Mount Receptacle, Vertical, Board-to-Board, 100 Position, .8 mm [.031 in] Centerline, Gold, Surface Mount, Signal, Natural, Free Height

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Connectors > PCB Connectors > PCB Headers & Receptacles > Free Height Receptacle Conn: Board-Board, Vertical, 100, 0.8mm



PCB Connector Assembly Type: PCB Mount Receptacle

PCB Mount Orientation: Vertical

Connector System: Board-to-Board

Number of Positions: 100

Centerline (Pitch): .8 mm [.031 in]

All Free Height Receptacle Conn: Board-Board, Vertical, 100, 0.8mm (24)

Features

Product Type Features

PCB Connector Assembly Type

Connector System

PCB Mount Receptacle

Board-to-Board

Sealable	No		
Connector & Contact Terminates To	Printed Circuit Board		
Configuration Features			
Stackable	Yes		
PCB Mount Orientation	Vertical		
Number of Positions	100		
Board-to-Board Configuration	Parallel		
Electrical Characteristics			
Dielectric Withstanding Voltage (Max)	500 VAC		
Insulation Resistance	2 MΩ		
Operating Voltage	100 VAC		
Body Features			
Primary Product Color	Natural		
Contact Features			

PCB Mount Receptacle, Vertical, Board-to-Board, 100 Position, .8 mm [.031 in] Centerline, Gold, Surface Mount, Signal, Natural, Free Height



ll+1 800 522 6752	08/07/2023 0		
Housing Temperature Rating	High		
Usage Conditions			
Stack Height	5 mm, 6 mm, 7 mm, 8 mm[.197 in][.236 in][. 276 in][.315 in]		
Connector Height	5 mm[.197 in]		
Dimensions			
Housing Material	Matte		
Centerline (Pitch)	.8 mm[.031 in]		
Mating Entry Location	Тор		
Housing Features			
PCB Mount Alignment	With		
PCB Mount Retention	Without		
Mating Alignment Type	Polarized		
Mating Alignment	With		
PCB Mount Alignment Type	Positioning Bosses		
Mounting Alignment Feature Length	.5 mm[.02 in]		
Mechanical Attachment			
Termination Method to Printed Circuit Board	Surface Mount		
Rectangular Termination Post & Tail Width	.3 mm[.012 in]		
Rectangular Termination Post & Tail Thickness	.2 mm[.008 in]		
Termination Features			
Contact Current Rating (Max)	.5 A		
Contact Type	Socket		
	30 µin		
Contact Mating Area Plating Material	Gold		
Contact Base Material	Copper Alloy		
PCB Contact Termination Area Plating Material	Tin		
Contact Mating Area Plating Material Finish	Matte		
PCB Contact Termination Area Plating Material Finish	Matte		
Mating Tab Thickness	.2 mm[.008 in]		
Mating Tab Width	.4 mm[.016 in]		
Contact Layout	Inline		

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Usage Conditions	
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PCB Mount Receptacle, Vertical, Board-to-Board, 100 Position, .8 mm [.031 in] Centerline, Gold, Surface Mount, Signal, Natural, Free Height



Operating Temperature Range	-40 – 125 °C[-40 – 257 °F]
Operation/Application	
Assembly Process Feature	None
Circuit Application	Signal
Industry Standards	
UL Flammability Rating	UL 94V-0
Packaging Features	
	.5 in
Packaging Quantity	10
Packaging Type	Box, Tube

Product Compliance

For compliance documentation, visit the product page on TE.com>

EU RoHS Directive 2011/65/EU	Compliant
EU ELV Directive 2000/53/EC	Compliant
China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2023

(235)Candidate List Declared Against: JAN 2023(233)Does not contain REACH SVHC

Low Halogen - Br, Cl, F, I < 900 ppm per homogenous material. Also BFR/CFR/PVC Free

Solder Process Capability

Halogen Content

Reflow solder capable to 260°C

Product Compliance Disclaimer

This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight in homogenous materials for lead, hexavalent chromium, mercury, PBB, PBDE, DBP, BBP, DEHP, DIBP, and 0.01% for cadmium, or qualify for an exemption to these limits as defined in the Annexes of Directive 2011/65/EU (RoHS2). Finished electrical and electronic equipment products will be CE marked as required by Directive 2011/65/EU. Components may not be CE marked. Additionally, the part numbers that TE has identified as EU ELV compliant have a maximum concentration of 0.1% by weight in homogenous materials for lead, hexavalent chromium, and mercury, and 0.01% for cadmium, or qualify for an exemption to these limits as defined in the Annexes of Directive 2000/53/EC (ELV). Regarding the REACH Regulation, the information TE provides on SVHC in articles for this part number is based on the latest European Chemicals Agency (ECHA) 'Guidance on requirements for substances in articles' posted at this URL: https://echa.europa.eu/guidance-documents/guidance-on-reach

Compatible Parts

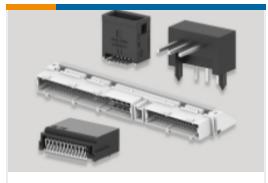
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Also in the Series | Free Height



PCB Headers & Receptacles(759)

Customers Also Bought



TE Part #5227222-2 BNC Vertical Jack RF Connector, 50 Ohm, Bayonet Coupling Mechanism	TE Part #6339082-3 LED STK MJ ASSY,2X4,8 POS,CAT5	TE Part #2-31425-3 TERM,BUDG, RT, 26-22, #2, NIPL	TE Part #2-1445100-2 MICRO MNL HDR ASSY S/ROW LF
	=TE	ETE	20m0 F
TE Part #1-1123722-7 3.96 EP PLUG HSG 7P(NATURAL)	TE Part #2-33461-3 TERMINAL,SOLIS R 8 1/4	TE Part #2-5331272-3 SOCKET,MIN-SPR SN-AU SER-2	TE Part #1625826-6 TL2B R047 1%



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Documents

Product Drawings 0.8FH,R05H.5,100,30/Sn,TU

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_6123000-4_B.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_6123000-4_B.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_6123000-4_B.3d_stp.zip

English

By downloading the CAD file I accept and agree to the **Terms and Conditions** of use.

Datasheets & Catalog Pages

Fine Pitch Stacking Connectors - 0.8mm Free Height (FH) Connectors

English

Product Specifications Application Specification

English