



1909782-4 Product Details

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High Performance Interconnects (HPI)

BOARD TO WIRE WAFER 1.2MM TOP ENTRY

1909782-4

TE Internal Number: 1909782-4

Product Highlights View All

- Connector
- HPI Product Line
- Header
- Wire-to-Board
- Connector Style = Plug

Pricing & Availability

Request Sample

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Documents

Features

Compliance

Please Note:

Use the Product Drawing for all design activity

Product Type Features	
Product Type	Connector
Product Line	HPI
Connector Type	Header
Wire/Cable Type	Discrete Wire
Mount Angle	Right Angle
PCB Mounting Orientation	Right Angle
PCB Mount Alignment	Without
PCB Mount Retention	With
Shape	Rectangular
PCB Mount Retention Type	Solder Pads
Wire Size (mm ² [AWG])	28 AWG
Sealed	No

Electrical Characteristics	
Contact - Rated Current (A)	2
Operating Voltage Reference	AC
Operating Voltage (VAC)	50
Operating Voltage (VDC)	50

Termination Features	
Contact Termination Type	Surface Mount
Wire/Cable Size (AWG)	28
Termination Method to PC Board	Surface Mount

Dimensions	
Length (X-Axis) (mm [in])	7.80 [0.307]
Width (Z-Axis) (mm [in])	4.30 [0.169]
Profile Height (Y-Axis) (mm [in])	1.40 [0.055]

Body Features	
Locking Interface	Without
Mating Retention	With
Post Material	Phosphor Bronze
Selectively Loaded	No

Contact Features	
Contact Type	Pin
Contact Plating, Mating Area, Material	Gold Flash
Contact Design	Pin
Contact Base Material	Phosphor Bronze
Contact Finish	Gold Flash over Nickel (50)

Housing Features	
Connector Style	Plug
Housing Color	Black
Centerline (mm [in])	1.20 [0.047]
Housing Material	LCP GF30 (Liquid Crystal Polymer)
Housing Entry Style	Top

Configuration Features	
Number of Positions	5
Number of Rows	Single
Tail Orientation	Straight
Shrouded	Yes - Partial

Industry Standards	
RoHS/ELV Compliance	RoHS compliant, ELV compliant
Lead Free Solder Processes	Reflow solder capable to 245°C, Reflow solder capable to 260°C
RoHS/ELV Compliance History	Always was RoHS compliant
UL Flammability Rating	UL 94V-0

Environmental	
Operating Temperature (°C [°F])	-25 - +85 [-13 - +185]

Conditions for Usage	
Applies To	Printed Circuit Board
Internal/External	Internal
Mates With	1909783-4

Operation/Application	
Application Use	Wire-to-Board
Pick and Place Cover	Without

Packaging Features	
Packaging Method	Reel

Other	
Brand	TE Connectivity

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