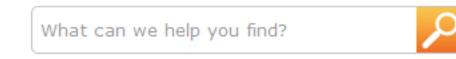
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Products



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1909782-4 Product Details

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High Performance Interconnects (HPI)

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Innovation

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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Buy Product through Distributor

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you're looking for? **Find Similar Products**

View Part in Product Feature Selector

Check for Tooling

Not quite the product

Print

	 Connector Style = Pl
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 (mm² [AWG])	28 AWG
Sealed	No
Electrical Characteristic	CS
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
	Gold Flash over Nickel

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	Тор
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
	compilarit
UL Flammability Rating	· .
	<u> </u>
UL Flammability Rating	<u> </u>
UL Flammability Rating Environmental Operating	UL 94V-0
UL Flammability Rating Environmental Operating Temperature (°C [°F])	UL 94V-0
UL Flammability Rating Environmental Operating Temperature (°C [°F]) Conditions for Usage	UL 94V-0 -25 - +85 [-13 - +185]
UL Flammability Rating Environmental Operating Temperature (°C [°F]) Conditions for Usage Applies To	UL 94V-0 -25 - +85 [-13 - +185] Printed Circuit Board
UL Flammability Rating Environmental Operating Temperature (°C [°F]) Conditions for Usage Applies To Internal/External	UL 94V-0 -25 - +85 [-13 - +185] Printed Circuit Board Internal
UL Flammability Rating Environmental Operating Temperature (°C [°F]) Conditions for Usage Applies To Internal/External Mates With	UL 94V-0 -25 - +85 [-13 - +185] Printed Circuit Board Internal
Environmental Operating Temperature (°C [°F]) Conditions for Usage Applies To Internal/External Mates With Operation/Application	UL 94V-0 -25 - +85 [-13 - +185] Printed Circuit Board Internal 1909783-4
Environmental Operating Temperature (°C [°F]) Conditions for Usage Applies To Internal/External Mates With Operation/Application Application Use Pick and Place Cover	UL 94V-0 -25 - +85 [-13 - +185] Printed Circuit Board Internal 1909783-4 Wire-to-Board
Environmental Operating Temperature (°C [°F]) Conditions for Usage Applies To Internal/External Mates With Operation/Application Application Use Pick and Place Cover Packaging Features	UL 94V-0 -25 - +85 [-13 - +185] Printed Circuit Board Internal 1909783-4 Wire-to-Board Without
Environmental Operating Temperature (°C [°F]) Conditions for Usage Applies To Internal/External Mates With Operation/Application Application Use Pick and Place Cover	UL 94V-0 -25 - +85 [-13 - +185] Printed Circuit Board Internal 1909783-4 Wire-to-Board
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