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Part Number: [0022051092](#)
Status: **Active**
Description: 2.50mm (.098") Pitch Wire-to-Board Header, Right Angle, Friction Lock, 9 Circuits, Tin (Sn) Plating

Documents:

3D Model	Product Specification PS-51191-002 (PDF)
Drawing (PDF)	Product Specification PS-5251-001 (PDF)
Product Specification PS-5046-002 (PDF)	RoHS Certificate of Compliance (PDF)
Product Specification PS-5102-002 (PDF)	

General

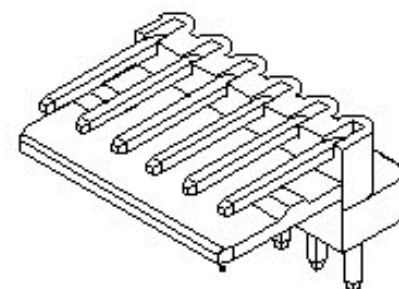
Product Family	PCB Headers
Series	5046
Application	Wire-to-Board
Product Name	N/A

Physical

Breakaway	No
Circuits (Loaded)	9
Circuits (maximum)	9
Durability (mating cycles max)	30
First Mate / Last Break	No
Flammability	94V-0
Glow-Wire Compliant	No
Guide to Mating Part	No
Keying to Mating Part	None
Lock to Mating Part	Yes
Material - Metal	Brass
Material - Plating Mating	Tin
Material - Plating Termination	Tin
Number of Rows	1
Orientation	Right Angle
PC Tail Length (in)	0.134 In
PC Tail Length (mm)	3.40 mm
PCB Locator	No
PCB Retention	None
PCB Thickness Recommended (in)	0.062 In
PCB Thickness Recommended (mm)	1.60 mm
Packaging Type	Bag
Pitch - Mating Interface (in)	0.098 In
Pitch - Mating Interface (mm)	2.50 mm
Plating min: Mating (µin)	200
Plating min: Mating (µm)	5
Plating min: Termination (µin)	200
Plating min: Termination (µm)	5
Polarized to PCB	No
Shrouded	Partial
Stackable	No
Surface Mount Compatible (SMC)	No
Temperature Range - Operating	-40°C to +105°C
Termination Interface: Style	Through Hole

Electrical

CSA	LR19980
Current - Maximum	1.5A
Current - Maximum	2.5A



Series image - Reference only

EU RoHS

ELV and RoHS Compliant

REACH SVHC

Contains SVHC: No

Halogen-Free

Status

Not Reviewed

China RoHS



Need more information on product environmental compliance?

Email productcompliance@molex.com
Please visit the [Contact Us](#) section for any non-product compliance questions.

Search Parts in this Series

[5046 Series](#)

Mates With

[51191 KK® Wire-to-Board Header](#)

Current - Maximum	2A
Current - Maximum	3A
TUV	R72090224
UL	E29179
Voltage - Maximum	250V

Material Info

Old Part Number	5046-09A
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Reference - Drawing Numbers

Product Specification	PS-5046-002
Product Specification	PS-5102-002
Product Specification	PS-51191-002
Product Specification	PS-5251-001
Product Specification	RPS-51191-007
Sales Drawing	SD-5046-NA

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