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Part Number: [0022051042](#)
Status: **Active**
Description: 2.50mm (.098") Pitch Wire-to-Board Header, Right Angle, Friction Lock, 4 Circuits, Tin (Sn) Plating

Documents:

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

Agency Certification

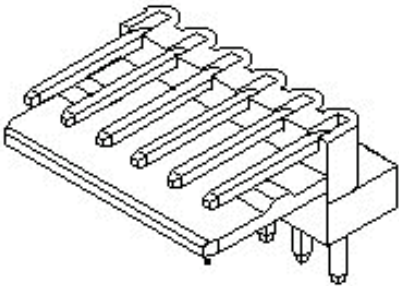
CSA	LR19980
TUV	R72090224
UL	E29179

General

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

Physical

Breakaway	No
Circuits (Loaded)	4
Circuits (maximum)	4
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 - 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



Series

image - Reference only

EU RoHS

**ELV and RoHS
Compliant**
**REACH SVHC
Contains SVHC: No**
**Halogen-Free
Status**

China RoHS



Need more information on product environmental compliance?

Email productcompliance@molex.com
For a multiple part number RoHS Certificate of Compliance, [click here](#)

Please visit the [Contact Us](#) section for any non-product compliance questions.

Search Parts in this Series
[5046Series](#)

Mates With
[51191](#) KK® Wire-to-Board Header

Termination Interface: Style	Through Hole
Electrical	
Current - Maximum per Contact	1.5A, 2.5A, 2A, 3A
Voltage - Maximum	250V
Material Info	
Old Part Number	5046-04A
Reference - Drawing Numbers	
Packaging Specification	SPK-5046-001
Product Specification	PS-5046-002, PS-5102-002, PS-51191-002, PS-5251-001, RPS-51191-007
Sales Drawing	SD-5046-NA

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