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**Part Number:**

**0022051052**

**Status:**

**Active**

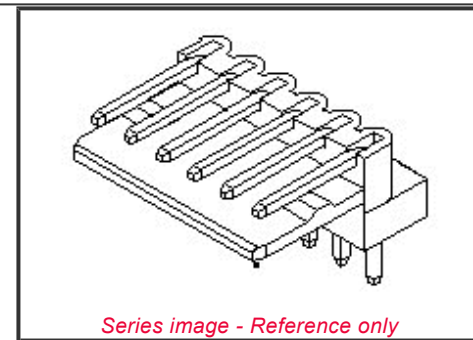
**Description:**

2.50mm (.098") Pitch Wire-to-Board Header, Right Angle, Friction Lock, 5 Circuits, Tin (Sn) Plating

**Documents:** [Note - Please disable browser pop-up blockers for documents on www.molex.com](#)

[Drawing \(PDF\)](#)

[Product Specification PS-5046-002 \(PDF\)](#)



**EU RoHS**  
ELV and RoHS  
Compliant

**REACH SVHC**  
Contains SVHC: No

**Halogen-Free**  
Status  
Not Halogen-Free

**China RoHS**



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Email [productcompliance@molex.com](mailto:productcompliance@molex.com)

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**Search Parts in this Series**

[5046](#)Series

**Mates With**

[51191](#) KK® Wire-to-Board Header

[Product Specification PS-5102-002 \(PDF\)](#) [Pr](#)

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**General**

Product Family	PCB Headers
Series	<a href="#">5046</a>
Application	Wire-to-Board
Product Name	N/A

**Physical**

Breakaway	No
Circuits (Loaded)	5
Circuits (maximum)	5
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**(Please review the Product Specification for specific details.)

Current - Maximum per Contact	1.5A, 2.5A, 2A, 3A
Voltage - Maximum	250V

**Agency Certification**

CSA	LR19980
TUV	R72090224
UL	E29179

**Material Info**

Old Part Number	5046-05A
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**Reference - Drawing Numbers**

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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