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Part Number: [0022051092](#)
Status: **Active**
Overview: [Mini-Latch™ Wire-to-Board System](#)
Description: Mini-Latch™ Wire-to-Board Header, Right Angle, Friction Lock, 9 Circuits, Tin (Sn) Plating

Documents:

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

Agency Certification

UL E29179

General

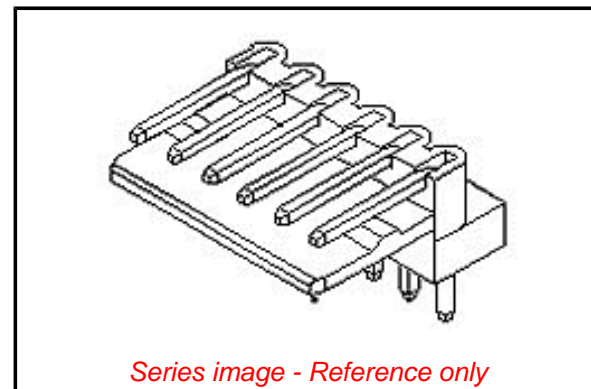
Product Family	PCB Headers
Series	5046
Application	Signal, Wire-to-Board
Overview	Mini-Latch™ Wire-to-Board System
Product Name	Mini-Latch™
UPC	800753740112

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
Net Weight	1158.900/mg
Number of Rows	1
Orientation	Right Angle
PC Tail Length	3.40mm
PCB Locator	No
PCB Retention	None
PCB Thickness - Recommended	1.60mm
Packaging Type	Bag
Pitch - Mating Interface	2.50mm
Pitch - Termination Interface	2.50mm
Plating min - Mating	5.080µm
Plating min - Termination	5.080µm
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

Current - Maximum per Contact 1.5A, 2.5A, 2.0A, 3.0A



EU ELV

Not Relevant

EU RoHS

Compliant

REACH SVHC

Not Contained Per
-ED/79/2015 (17
December 2015)

Halogen-Free

Status

Low-Halogen

Need more information on product environmental compliance?

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

China ROHS

ELV

Green Image

Not Relevant

Search Parts in this Series

[5046 Series](#)

Mates With

[51191 KK® Wire-to-Board Header](#)

Voltage - Maximum

250V

Material Info

Old Part Number

5046-09A

Reference - Drawing Numbers

Product Specification

PS-5046-002, PS-5102-002, PS-51191-002,
RPS-51191-007

Sales Drawing

SD-5046-NA

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