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Part Number: **0022051032**
Status: **Active**
Overview: Mini-Latch™ Wire-to-Board System
Description: Mini-Latch™ Wire-to-Board Header, Right Angle, Friction Lock, 3 Circuits, Tin (Sn) Plating

Documents:

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

Agency Certification

UL E29179

General

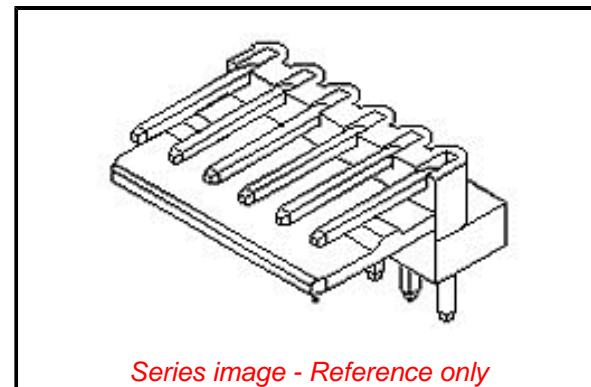
Product Family PCB Headers
Series 5046
Application Signal, Wire-to-Board
MolexKits Yes
Overview [Mini-Latch™ Wire-to-Board System](#)
Product Name Mini-Latch™
UPC 800753591431

Physical

Breakaway No
Circuits (Loaded) 3
Circuits (maximum) 3
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
Net Weight 366.300/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/21/2016 (20 June
2016)

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

RoHS Phthalates

China RoHS

Green Image

Not Relevant

Not Contained

Search Parts in this Series

5046 Series

Mates With

51191 KK® Wire-to-Board Header

Voltage - Maximum

250V

Material Info

Engineering Number

5046-03A

Reference - Drawing Numbers

Product Specification

PS-5046-002-001, PS-51191-002

Sales Drawing

SD-5046-NA

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