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Part Number: [0022051062](#)
Status: **Active**
Overview: [Mini-Latch™ Wire-to-Board System](#)
Description: [Mini-Latch™ Wire-to-Board Header, Right Angle, Friction Lock, 6 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

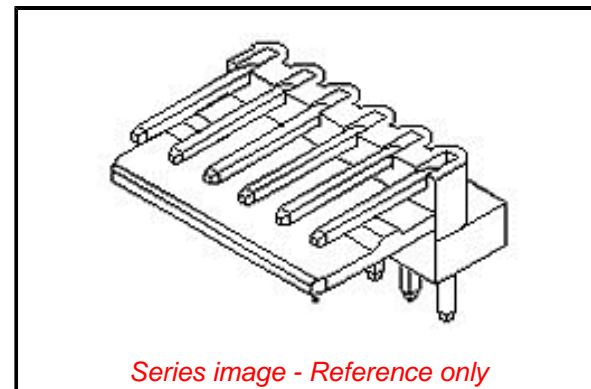
General

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 800753740396

Physical

Breakaway No
 Circuits (Loaded) 6
 Circuits (maximum) 6
 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 762.600/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



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	Green Image
ELV	Not Relevant
RoHS Phthalates	Not Contained

Search Parts in this Series

[5046 Series](#)

Mates With

[51191 KK® Wire-to-Board Header](#)

Current - Maximum per Contact 1.5A, 2.5A, 2.0A, 3.0A
Voltage - Maximum 250V

Material Info

Engineering Number 5046-06A

Reference - Drawing Numbers

Product Specification PS-5046-002-001, PS-51191-002
Sales Drawing SD-5046-NA

This document was generated on 12/27/2016

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