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Part Number: [22-04-1121](#)
Status: **Active**
Overview: [Mini-Latch™ Wire-to-Board System](#)
Description: [Mini-Latch™ Wire-to-Board Header, Vertical, with Friction Ramp, 12 Circuits, Tin \(Sn\) Plating](#)

Documents:

- [3D Model](#)
[Drawing \(PDF\)](#)
[Product Specification PS-5045-001 \(PDF\)](#)
[Product Specification PS-5045-002 \(PDF\)](#)
[Product Specification PS-5051-001 \(PDF\)](#)
[Product Specification PS-5051-005 \(PDF\)](#)
- [Product Specification PS-5102-001 \(PDF\)](#)
[Product Specification PS-5102-002 \(PDF\)](#)
[Product Specification PS-51191-002 \(PDF\)](#)
[Packaging Specification SPK-5045-001 \(PDF\)](#)
[RoHS Certificate of Compliance \(PDF\)](#)

Agency Certification

UL E29179

General

Product Family PCB Headers
Series [5045](#)
Application Signal, Wire-to-Board
Overview [Mini-Latch™ Wire-to-Board System](#)
Product Name KK®
UPC 800753591288

Physical

Breakaway No
Circuits (Loaded) 12
Circuits (maximum) 12
Color - Resin Natural
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
Material - Resin Nylon
Net Weight 1198.000/mg
Number of Rows 1
Orientation Vertical
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

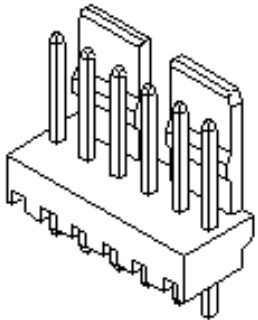


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Series

EU RoHS
ELV and RoHS
Compliant
REACH SVHC
Contains SVHC: No
Low-Halogen Status
Low-Halogen



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
[5045Series](#)

Mates With
KK® 2.50mm Housings [51191](#) , [5051](#)

Surface Mount Compatible (SMC)	No
Temperature Range - Operating	-40°C to +105°C
Termination Interface: Style	Through Hole
Electrical	
Current - Maximum per Contact	3A
Voltage - Maximum	250V
Material Info	
Old Part Number	5045-12A
Reference - Drawing Numbers	
Packaging Specification	SPK-5045-001
Product Specification	PS-5045-001, PS-5045-002, PS-5051-001, PS-5051-005, PS-5102-001, PS-5102-002, PS-51191-002, RPS-5045-001, RPS-51191-007
Sales Drawing	SD-5045-NA

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