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Part Number: [22-11-1031](#)
Status: **Active**
Overview: Mini-Latch™ Wire-to-Board System
Description: Mini-Latch™ Wire-to-Board Header, Vertical, with Friction Ramp, 3 Circuits, Gold (Au) Plating

Documents:
[3D Model](#)
[Drawing \(PDF\)](#)
[Product Specification PS-5045-003 \(PDF\)](#)
[Product Specification PS-5045-004 \(PDF\)](#)
[Packaging Specification SPK-5045-002 \(PDF\)](#)
[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 800753733138

Physical

Breakaway No
Circuits (Loaded) 3
Circuits (maximum) 3
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 Gold
Material - Plating Termination Gold
Material - Resin Nylon
Net Weight 324.000/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 0.356µm
Plating min - Termination 0.356µm
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

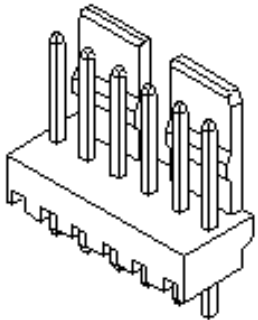


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Series

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

China RoHS



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](#)

Electrical

Current - Maximum per Contact	3A
Voltage - Maximum	250V

Material Info

Old Part Number	5045-03AG
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Reference - Drawing Numbers

Packaging Specification	SPK-5045-002
Product Specification	PS-5045-003, PS-5045-004
Sales Drawing	SD-5045-001

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