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Part Number: [0022041081](#)
Status: **Active**
Overview: Mini-Latch™ Wire-to-Board System
Description: Mini-Latch™ Wire-to-Board Header, Vertical, with Friction Ramp, 8 Circuits, Tin (Sn) Plating

Documents:

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

Agency Certification

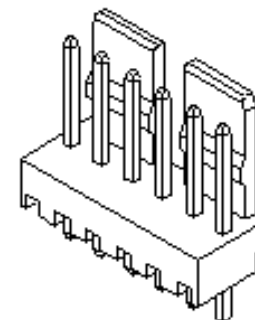
UL E29179

General

Product Family PCB Headers
 Series 5045
 Application Signal, Wire-to-Board
 Overview Mini-Latch™ Wire-to-Board System
 Product Name KK®
 UPC 800753591257

Physical

Breakaway No
 Circuits (Loaded) 8
 Circuits (maximum) 8
 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 805.000/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
 Surface Mount Compatible (SMC) No



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

Compliant

REACH SVHC

Contains SVHC(2015 June 15): No

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

5045 Series

Mates With

KK® 2.50mm Housings 51191 , 5051

Temperature Range - Operating	-40°C to +105°C
Termination Interface: Style	Through Hole
Electrical	
Current - Maximum per Contact	3.0A
Voltage - Maximum	250V
Material Info	
Old Part Number	5045-08A
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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