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Part Number: [22-04-1091](#)
Status: **Active**
Overview: [KK® Interconnection System](#)
Description: 2.50mm Pitch Wire-to-Board KK® Header, Vertical, with Friction Ramp, 9 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)	Product Specification PS-5251-001 (PDF)
Product Specification PS-5051-001 (PDF)	Packaging Specification SPK-5045-001 (PDF)
Product Specification PS-5051-005 (PDF)	RoHS Certificate of Compliance (PDF)

Agency Certification

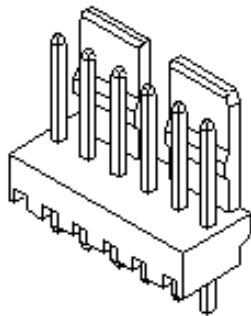
CSA	LR19980
TUV	R72090224
UL	E29179

General

Product Family	PCB Headers
Series	5045
Application	Signal, Wire-to-Board
Overview	KK® Interconnection System
Product Name	KK®

Physical

Breakaway	No
Circuits (Loaded)	9
Circuits (maximum)	9
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
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
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 RoHS

**ELV and RoHS
Compliant**
REACH SVHC
Contains SVHC: No
Low-Halogen Status
Not Reviewed

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](#)

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	5045-09A
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, PS-5251-001, RPS-51191-007
Sales Drawing	SD-5045-NA

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