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Part Number: 0022041151

Status: **Active**

Overview: Mini-Latch™ Wire-to-Board System

Description: Mini-Latch™ Wire-to-Board Header, Vertical, with Friction Ramp, 15 Circuits, Tin (Sn) Plating

Documents:

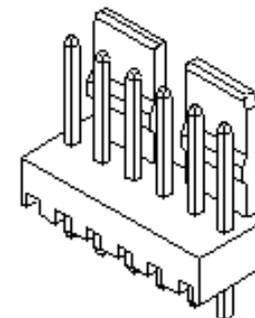|	
3D Model	Product Specification PS-5051-005-001 (PDF)
Drawing (PDF)	Product Specification PS-51191-002 (PDF)
Product Specification PS-5045-001 (PDF)	Packaging Specification SPK-5045-001-001 (PDF)
Product Specification PS-5045-002 (PDF)	RoHS Certificate of Compliance (PDF)
Product Specification PS-5051-001-001 (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	Mini-Latch™
UPC	800753740815

Physical

Breakaway	No
Circuits (Loaded)	15
Circuits (maximum)	15
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	1492.000/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
Temperature Range - Operating	-40°C to +105°C

Series image - Reference only

EU ELV
Not Relevant

EU RoHS   **China RoHS**
Compliant

REACH SVHC
Not Contained Per
-ED/01/2017 (12
January 2017)

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
5045 Series

Mates With
KK® 2.50mm Housings 51191 , 5051

Termination Interface: Style	Through Hole

Electrical

Current - Maximum per Contact	3.0A
Voltage - Maximum	250V

Material Info

Engineering Number	5045-15A

Reference - Drawing Numbers

Packaging Specification	SPK-5045-001-001
Product Specification	PS-5045-001, PS-5045-002, PS-5051-001-001, PS-5051-005-001, PS-51191-002
Sales Drawing	SD-5045-NA

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