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Part Number: [0022041151](#)
Status: **Active**
Overview: [kk](#)
Description: 2.50mm (.098") Pitch Wire-to-Board KK® Header, Vertical, with Friction Ramp, 15 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-5051-005 (PDF) | RoHS Certificate of Compliance (PDF) |

Agency Certification

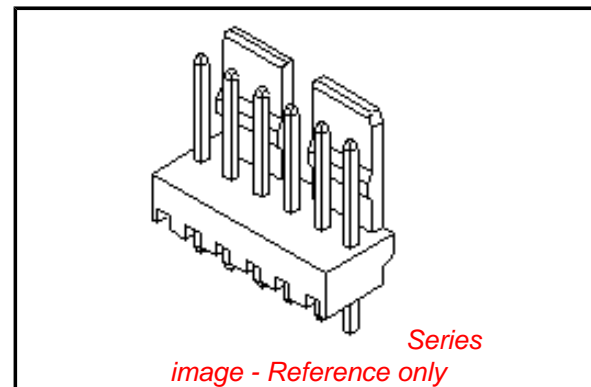
| | |
|-----|-----------|
| CSA | LR19980 |
| TUV | R72090224 |
| UL | E29179 |

General

| | |
|----------------|----------------------|
| Product Family | PCB Headers |
| Series | 5045 |
| Application | Wire-to-Board |
| Overview | kk |
| Product Name | KK® |

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 |
| Number of Rows | 1 |
| Orientation | Vertical |
| PC Tail Length (in) | 0.134 In |
| PC Tail Length (mm) | 3.40 mm |
| PCB Locator | No |
| PCB Retention | None |
| PCB Thickness Recommended (in) | 0.062 In |
| PCB Thickness Recommended (mm) | 1.60 mm |
| Packaging Type | Bag |
| Pitch - Mating Interface (in) | 0.098 In |
| Pitch - Mating Interface (mm) | 2.50 mm |
| Plating min: Mating (µin) | 200 |
| Plating min: Mating (µm) | 5 |
| Plating min: Termination (µin) | 200 |
| Plating min: Termination (µm) | 5 |



EU RoHS

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

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 (.098") housings, [51191](#) , [5051](#)

| | |
|--------------------------------|-----------------|
| 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 |

Electrical

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

Material Info

| | |
|-----------------|----------|
| Old Part Number | 5045-15A |
|-----------------|----------|

Reference - Drawing Numbers

| | |
|-------------------------|-------------------------------------------------------------------------------------------------------------------------------|
| Packaging Specification | SPK-5045 |
| Product Specification | PS-5045-001, PS-5045-002, PS-5051-005, PS-5102-001, PS-5102-002, PS-51191-002, PS-5251-001, RPS-5045-001, RPS-51191-007 |
| Sales Drawing | SD-5045-NA |

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