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**Part Number:** [41771-0901](#)  
**Status:** **Active**  
**Overview:** [KK® Interconnection System](#)  
**Description:** 3.96mm Pitch KK® Solid Header, Vertical, without Peg, 4 Circuits, 0.38µm Gold (Au) Selective Plating

**Documents:**

<a href="#">3D Model</a>	<a href="#">Product Specification PS-40-02 (PDF)</a>
<a href="#">Drawing (PDF)</a>	<a href="#">RoHS Certificate of Compliance (PDF)</a>
<a href="#">Product Specification PS-08-50 (PDF)</a>	

**Agency Certification**

CSA	LR19980
UL	E29179

**General**

Product Family	PCB Headers
Series	<a href="#">41771</a>
Application	Board-to-Board, Power, Wire-to-Board
Overview	<a href="#">KK® Interconnection System</a>
Product Name	KK®
UPC	822350737104

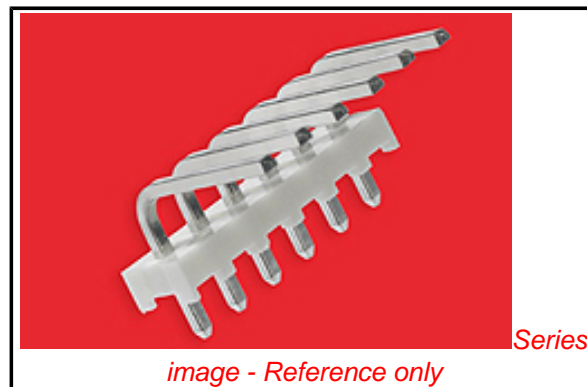
**Physical**

Breakaway	No
Circuits (Loaded)	4
Circuits (maximum)	4
Color - Resin	Natural
Durability (mating cycles max)	50
Flammability	94V-0
Glow-Wire Compliant	No
Lock to Mating Part	None
Material - Metal	Brass
Material - Plating Mating	Gold
Material - Resin	Polyester
Net Weight	1.088/g
Number of Rows	1
Orientation	Vertical
PC Tail Length	3.56mm
PCB Locator	No
PCB Retention	None
PCB Thickness - Recommended	1.60mm
Packaging Type	Bag
Pitch - Mating Interface	3.96mm
Plating min - Mating	0.381µm
Polarized to Mating Part	Yes
Polarized to PCB	No
Shrouded	Partial
Stackable	Yes
Temperature Range - Operating	See Product Specification
Termination Interface: Style	Through Hole

**Electrical**

Current - Maximum per Contact	7A
Voltage - Maximum	250V

**Solder Process Data**



**EU RoHS**

**ELV and RoHS Compliant**

**REACH SVHC**

Not Reviewed

**Low-Halogen Status**

**Not Low-Halogen**

**China RoHS**



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Email [productcompliance@molex.com](mailto: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**

[41771Series](#)

**Mates With**

[2139](#) KK® Crimp Housing, [41695](#) KK® Crimp Housing, [6442](#) KK® Crimp Housing, [2145](#) PCB Connector, [41815](#) PCB Connector, [3069](#) KK® Crimp Housing

Duration at Max. Process Temperature (seconds)	5
Lead-free Process Capability	Wave Capable (TH only)
Max. Cycles at Max. Process Temperature	1
Process Temperature max. C	235

### **Material Info**

### **Reference - Drawing Numbers**

Product Specification	PS-08-50, PS-40-02
Sales Drawing	SD-41771-001

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