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**Part Number:** [41791-0855](#)  
**Status:** **Active**  
**Overview:** [KK® Interconnection System](#)  
**Description:** 3.96mm Pitch KK® Solid Header, Vertical, Friction Lock, 8 Circuits, 0.76µm Gold (Au) Selective Plating

**Documents:**  
[3D Model](#)  
[Drawing \(PDF\)](#)

[Product Specification PS-08-50 \(PDF\)](#)  
[RoHS Certificate of Compliance \(PDF\)](#)

**Agency Certification**

CSA LR19980  
UL E29179

**General**

Product Family PCB Headers  
Series [41791](#)  
Application Power, Wire-to-Board  
Overview [KK® Interconnection System](#)  
Product Name KK®  
UPC 800756113043

**Physical**

Breakaway No  
Circuits (Loaded) 8  
Circuits (maximum) 8  
Color - Resin Natural  
Durability (mating cycles max) 50  
Flammability 94V-0  
Glow-Wire Compliant No  
Lock to Mating Part Yes  
Material - Metal Brass  
Material - Plating Mating Gold  
Material - Plating Termination Tin  
Material - Resin Polyester  
Net Weight 2.984/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 0.762µm  
Plating min - Termination 2.540µm  
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



Series

image - Reference only

**EU RoHS**

**ELV and RoHS  
Compliant**

**REACH SVHC**

Not Reviewed

**Low-Halogen Status**

**Not Low-Halogen**

**China RoHS**



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environmental compliance?**

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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**

[41791Series](#)

**Mates With**

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

**Solder Process Data**

|                                                |                        |
|------------------------------------------------|------------------------|
| 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  |
| Sales Drawing         | SDA-41791 |

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