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**Part Number:** [10-10-1081](#)  
**Status:** **Active**  
**Overview:** [KK® Interconnection System](#)  
**Description:** 5.08mm Pitch KK® PC Board Connector, Right Angle Mount Style A, 1.00µm Tin (Sn), 8 Circuits

**Documents:**

[3D Model](#) [Product Specification PS-99020-0087 \(PDF\)](#)  
[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)

**Agency Certification**

CSA LR19980  
 UL E29179

**General**

Product Family PCB Receptacles  
 Series [3002](#)  
 Application Board-to-Board, Power  
 Overview [KK® Interconnection System](#)  
 Product Name KK®  
 UPC 800753744028

**Physical**

Circuits (Loaded) 8  
 Circuits (maximum) 8  
 Color - Resin Natural  
 Durability (mating cycles max) 25  
 Flammability 94V-2  
 Glow-Wire Compliant No  
 Material - Metal Phosphor Bronze  
 Material - Plating Mating Tin  
 Material - Plating Termination Tin  
 Material - Resin Nylon  
 Net Weight 2.522/g  
 Number of Rows 1  
 Orientation Right Angle  
 PC Tail Length 4.30mm  
 PCB Locator No  
 PCB Retention Yes  
 PCB Thickness - Recommended 0.80mm  
 Packaging Type Tray  
 Pitch - Mating Interface 5.08mm  
 Plating min - Mating 1.016µm  
 Plating min - Termination 1.016µm  
 Polarized to PCB Yes  
 Temperature Range - Operating See Product Specification  
 Termination Interface: Style Through Hole

**Electrical**

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

**Solder Process Data**

Lead-free Process Capability Wave Capable (TH only)

**Material Info**

Old Part Number 300208A

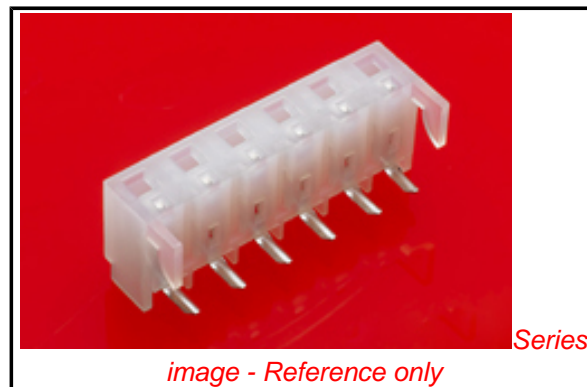


image - Reference only

**EU RoHS**

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

**China RoHS**



**Need more information on product environmental compliance?**

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**

3002Series

**Mates With**

3003 , 2599 , 3008

**Reference - Drawing Numbers**

Product Specification  
Sales Drawing

PS-99020-0087  
SDAE-3002-NA-\*

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