

**PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION**

**Part Number:** [10-02-1042](#)  
**Status:** **Active**  
**Overview:** [KK® Interconnection System](#)  
**Description:** 5.08mm Pitch KK® PC Board Connector, Bottom Entry Mount Style B, 1.00µm Tin (Sn), 4 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 800753745322

**Physical**

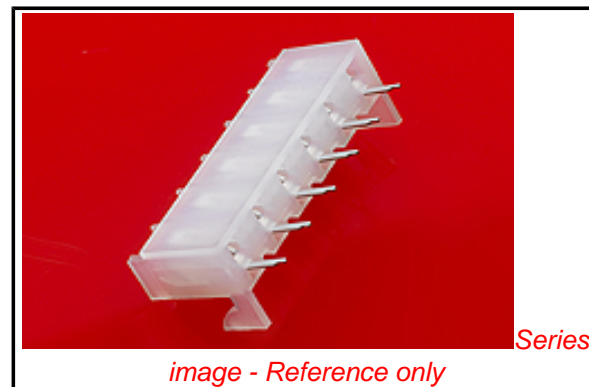
Circuits (Loaded) 4  
 Circuits (maximum) 4  
 Color - Resin Natural  
 Durability (mating cycles max) 25  
 Flammability 94V-2  
 Glow-Wire Compliant No  
 Material - Metal Phosphor Bronze  
 Material - Plating Mating Tin  
 Material - Plating Termination Tin  
 Material - Resin Nylon  
 Net Weight 1.020/g  
 Number of Rows 1  
 Orientation Bottom Entry  
 PC Tail Length 4.10mm  
 PCB Locator No  
 PCB Retention None  
 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 No  
 Temperature Range - Operating See Product Specification  
 Termination Interface: Style Through Hole

**Electrical**

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

**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 260



*image - Reference only*

**EU RoHS**

**ELV and RoHS Compliant**

**REACH SVHC**

Not Reviewed

**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

**Material Info**

Old Part Number

300204B

**Reference - Drawing Numbers**

Product Specification

PS-99020-0087

Sales Drawing

SDAE-3002-NB

This document was generated on 06/04/2013

**PLEASE CHECK [WWW.MOLEX.COM](http://WWW.MOLEX.COM) FOR LATEST PART INFORMATION**