

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

**Part Number:** [0010101123](#)  
**Status:** **Active**  
**Overview:** [KK 508 Connector System](#)  
**Description:** KK PC Board Connector, Top Entry Mount Style C, 1.00µm Tin (Sn), 12 Circuits

**Documents:**

[3D Model](#) [Packaging Specification PK-3002-002-001 \(PDF\)](#)  
[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)  
[Product Specification PS-99020-0087-001 \(PDF\)](#)

**Agency Certification**

CSA LR19980  
 UL E29179

**General**

Product Family PCB Receptacles  
 Series [3002](#)  
 Application Board-to-Board, Power  
 Overview [KK 508 Connector System](#)  
 Product Name KK 508  
 UPC 800753743830

**Physical**

Circuits (Loaded) 12  
 Circuits (maximum) 12  
 Color - Resin Natural  
 Durability (mating cycles max) 25  
 Flammability 94V-2  
 Glow-Wire Capable No  
 Material - Metal Phosphor Bronze  
 Material - Plating Mating Tin  
 Material - Plating Termination Tin  
 Material - Resin Nylon  
 Net Weight 3.749/g  
 Number of Rows 1  
 Orientation Vertical  
 PC Tail Length 2.79mm  
 PCB Locator No  
 PCB Retention None  
 PCB Thickness - Recommended 1.60mm  
 Packaging Type Tray  
 Pitch - Mating Interface 5.08mm  
 Pitch - Termination 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 7.0A  
 Voltage - Maximum 250V

**Solder Process Data**

Lead-freeProcess Capability WAVE

**Material Info**

Engineering Number 300212C



*Series image - Reference only*

**EU ELV**

**Not Relevant**

**EU RoHS**

**Compliant**

**REACH SVHC**

Not Contained Per -  
 ED/61/2018 (27 June  
 2018)

**Halogen-Free**

**Status**

**Low-Halogen**

For more information, please visit [Contact US](#)

China ROHS

ELV

RoHS Phthalates

**China RoHS**

Green Image

Not Relevant

Not Contained

**Search Parts in this Series**

[3002 Series](#)

**Mates With**

Headers [3003](#) , [2599](#) , [3061](#)

**Reference - Drawing Numbers**

Packaging Specification

Product Specification

Sales Drawing

PK-3002-002-001

PS-99020-0087-001

SDAE-3002-NC-\*

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