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Part Number: [10-10-1081](#)
Status: **Active**
Overview: [KK® Interconnect System - Molex](#)
Description: [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® Interconnect System - Molex](#)
 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
 Pitch - Termination 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

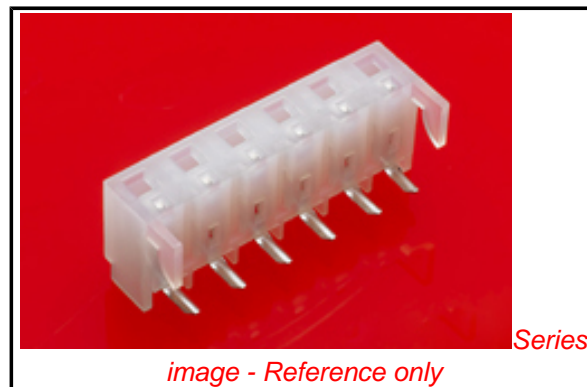
Current - Maximum per Contact 7A
 Voltage - Maximum 250V

Solder Process Data

Lead-free Process Capability Wave Capable (TH only)

Material Info

Old Part Number 300208A



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
 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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