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Part Number: [0010021042](#)
Status: **Active**
Overview: [KK@ 508 Connector System](#)
Description: [KK@ PC Board Connector, Bottom Entry Mount Style B, 1.00µm Tin \(Sn\), 4 Circuits](#)

Documents:

[3D Model](#) [Packaging Specification PK-3002-002 \(PDF\)](#)
[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 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 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

Duration at Max. Process Temperature (seconds) 005
 Lead-free Process Capability WAVE
 Max. Cycles at Max. Process Temperature 001
 Process Temperature max. C 260



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

Compliant

REACH SVHC

Not Contained Per
 -ED/01/2017 (12
 January 2017)

Halogen-Free

Status

Low-Halogen

Need more information on product environmental compliance?

Email productcompliance@molex.com
 Please visit the [Contact Us](#) section for any non-product compliance questions.

China ROHS	Green Image
ELV	Not Relevant
RoHS Phthalates	Not Contained

Search Parts in this Series

[3002 Series](#)

Mates With

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

Material Info

Engineering Number

300204B

Reference - Drawing Numbers

Packaging Specification

PK-3002-002

Product Specification

PS-99020-0087-001

Sales Drawing

SDAE-3002-NB

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