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Part Number: [0010021052](#)
Status: **Active**
Overview: [KK 508 Connector System](#)
Description: KK PC Board Connector, Bottom Entry Mount Style B, 1.00µm Tin (Sn), 5 Circuits

Documents:
[3D Model](#) [Packaging Specification PK-3002-002-001 \(PDF\)](#)
[3D Model \(PDF\)](#) [Symbol Footprint Data SYM-1002-1052-001 \(PDF\)](#)
[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 800753745339

Physical
Circuits (Loaded) 5
Circuits (maximum) 5
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 1.259/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-freeProcess Capability WAVE
Max. Cycles at Max. Process Temperature 001



Series image - Reference only

EU ELV
Not Relevant

EU RoHS **China RoHS**
Compliant
REACH SVHC
Not Contained Per -
D(2021)4569-DC (8
July 2021)
Halogen-Free
Status
Low-Halogen
For more information, please visit [Contact US](#)

China ROHS	Green Image
ELV	Not Relevant
RoHS Phthalates	Not Contained

Search Parts in this Series
[3002](#) Series

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

Process Temperature max. C	260
Material Info	
Engineering Number	300205B
Reference - Drawing Numbers	
Packaging Specification	PK-3002-002-001
Product Specification	PS-99020-0087-001
Sales Drawing	SDAE-3002-NB-001
Symbol/Footprint Data	SYM-1002-1052-001

This document was generated on 01/03/2022

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