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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:**

<a href="#">3D Model</a>	<a href="#">Packaging Specification PK-3002-002-001 (PDF)</a>
<a href="#">3D Model (PDF)</a>	<a href="#">Symbol Footprint Data SYM-1002-1052-001 (PDF)</a>
<a href="#">Drawing (PDF)</a>	<a href="#">RoHS Certificate of Compliance (PDF)</a>
<a href="#">Product Specification PS-99020-0087-001 (PDF)</a>	

**Agency Certification**

CSA	LR19980
UL	E29179

**General**

Product Family	PCB Receptacles
Series	<a href="#">3002</a>
Application	Board-to-Board, Power
Overview	<a href="#">KK 508 Connector System</a>
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-free Process Capability	WAVE
Max. Cycles at Max. Process Temperature	001



Series image - Reference only

**EU ELV**

**Not Relevant**

**EU 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

ELV

RoHS Phthalates

**China RoHS**

Green Image

Not Relevant

Not Contained

**Search Parts in this Series**

[3002](#) Series

**Mates With**

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

Process Temperature max. C	260
<b>Material Info</b>	
Engineering Number	300205B
<b>Reference - Drawing Numbers</b>	
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

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