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Part Number: [0010085121](#)
Status: **Active**
Overview: [KK 508 Connector System](#)
Description: KK Header, Vertical, with Polarizing Backwall, 12 Circuits, Tin (Sn) Plating

Documents:

3D Model	Packaging Specification PK-2599-0001-000 (PDF)
Drawing (PDF)	Symbol Footprint Data SYM-1008-5121-001 (PDF)
3D Model (PDF)	RoHS Certificate of Compliance (PDF)
Product Specification PS-99020-0087-001 (PDF)	

Agency Certification

UL E29179

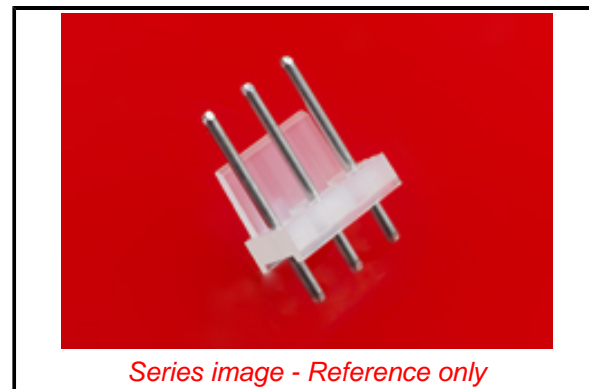
General

Product Family	PCB Headers
Series	2599
Application	Power, Wire-to-Board
Overview	KK 508 Connector System
Product Name	KK 508
UPC	800753744653

Physical

Breakaway	No
Circuits (Loaded)	12
Circuits (maximum)	12
Color - Resin	Natural
Durability (mating cycles max)	25
First Mate / Last Break	No
Flammability	94V-2
Glow-Wire Capable	No
Guide to Mating Part	No
Keying to Mating Part	None
Lock to Mating Part	None
Material - Metal	Brass
Material - Plating Mating	Tin
Material - Plating Termination	Tin
Material - Resin	Nylon
Net Weight	3.260/g
Number of Rows	1
Orientation	Vertical
PC Tail Length	4.45mm
PCB Retention	None
PCB Thickness - Recommended	1.60mm
Packaging Type	Bag
Pitch - Mating Interface	5.08mm
Pitch - Termination Interface	5.08mm
Plating min - Mating	5.080µm
Plating min - Termination	5.080µm
Polarized to PCB	No
Shrouded	Partial
Stackable	Yes
Surface Mount Compatible (SMC)	No
Temperature Range - Operating	See Product Specification
Termination Interface: Style	Through Hole

Electrical



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

[2599 Series](#)

Mates With

Crimp Housing [3001](#)
 PCB Receptacle
[3002](#)

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	235

Material Info

Engineering Number	2599M12A
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Reference - Drawing Numbers

Packaging Specification	PK-2599-0001-000
Product Specification	PS-99020-0087-001
Symbol/Footprint Data	SYM-1008-5121-001

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