

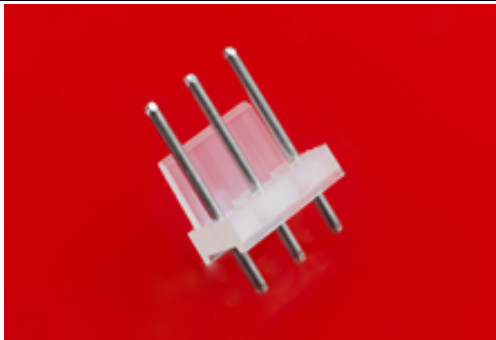
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Part Number: [0010085101](#)
Status: **Active**
Overview: [KK 508 Connector System](#)
Description: KK Header, Vertical, with Polarizing Backwall, 10 Circuits, Tin (Sn) Plating

Documents:
[3D Model](#) [Packaging Specification PK-2599-0001-000 \(PDF\)](#)
[Drawing \(PDF\)](#) [Symbol Footprint Data SYM-1008-5101-001 \(PDF\)](#)
[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	800753744622
Physical	
Breakaway	No
Circuits (Loaded)	10
Circuits (maximum)	10
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	2.710/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 China ROHS ELV RoHS Phthalates
	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)	010
Lead-freeProcess Capability	WAVE
Process Temperature max. C	260
Material Info	
Engineering Number	2599M10A
Reference - Drawing Numbers	
Packaging Specification	PK-2599-0001-000
Product Specification	PS-99020-0087-001
Symbol/Footprint Data	SYM-1008-5101-001

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