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Part Number: [0038007483](#)
Status: **Active**
Overview: [KK 508 Connector System](#)
Description: KK Header, Vertical, with Polarizing Backwall, 5 Circuits, Tin (Sn) Plating, Circuit 2 Voided

Documents:
[Drawing \(PDF\)](#) [Packaging Specification PK-2599-0001-000 \(PDF\)](#)
[Product Specification PS-99020-0087-001 \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)

Agency Certification

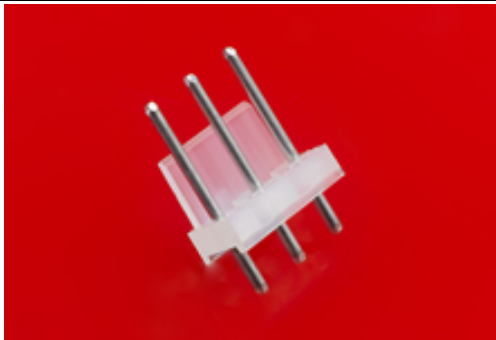
UL E29179

General

Product Family PCB Headers
Series [2599](#)
Application Signal, Wire-to-Board
CURRENT-MAX-NUMERIC 4.5
Overview [KK 508 Connector System](#)
PITCH-MATING-NUMERIC 5.08
Product Name KK 508
UPC 800753728417

Physical

Breakaway No
Circuits (Loaded) 4
Circuits (maximum) 5
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 1.171/g
Number of Rows 1
Orientation Vertical
PC Tail Length 4.45mm
PCB Locator No
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 Mating Part Yes
Polarized to PCB No
Shrouded Partial
Stackable No
Surface Mount Compatible (SMC) No
Temperature Range - Operating See Product Specification



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

Compliant

China RoHS

REACH SVHC

Not Contained Per -
ED/71/2019 (16 July
2019)

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

[2599 Series](#)

Mates With

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

Termination Interface: Style	Through Hole
Electrical	
Current - Maximum per Contact	4.5A
Voltage - Maximum	250V
Solder Process Data	
Duration at Max. Process Temperature (seconds)	005
Lead-freeProcess Capability	WAVE
Max. Cycles at Max. Process Temperature	001
Process Temperature max. C	235
Material Info	
Engineering Number	2599M05A2
Reference - Drawing Numbers	
Packaging Specification	PK-2599-0001-000
Product Specification	PS-99020-0087-001
Symbol/Footprint Data	SYM-1008-5051

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