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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 \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)
[Product Specification PS-99020-0087-001 \(PDF\)](#)

Agency Certification

UL E29179

General

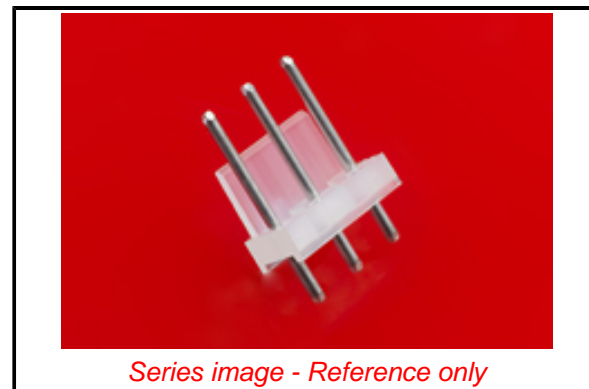
Product Family PCB Headers
 Series [2599](#)
 Application Power, Wire-to-Board
 Overview [KK® 508 Connector System](#)
 Product Name KK® 508
 UPC 800753744653

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 Compliant 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

Current - Maximum per Contact 7.0A



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

Compliant

REACH SVHC

Not Contained Per
 -ED/01/2017 (12
 January 2017)

Halogen-Free

Status

Low-Halogen

Need more information on product environmental compliance?

Email productcompliance@molex.com
 Please visit the [Contact Us](#) section for any non-product compliance questions.

China ROHS

ELV

RoHS Phthalates

Green Image

Not Relevant

Not Contained

Search Parts in this Series

[2599 Series](#)

Mates With

KK® Crimp Housing [3001](#) , [5058](#) , [3002](#)
 KK® PC Board Connector

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

Reference - Drawing Numbers

Packaging Specification PK-2599-0001-000

Product Specification PS-99020-0087-001

Sales Drawing SDAE-2599M-N*

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