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Part Number:

0010085041

Status:

Active

Overview:

KK® 508 Connector System

Description:

KK® Header, Vertical, with Polarizing Backwall, 4 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

800753752368

Physical

Breakaway

No

Circuits (Loaded)

4

Circuits (maximum)

4

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

1.059/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

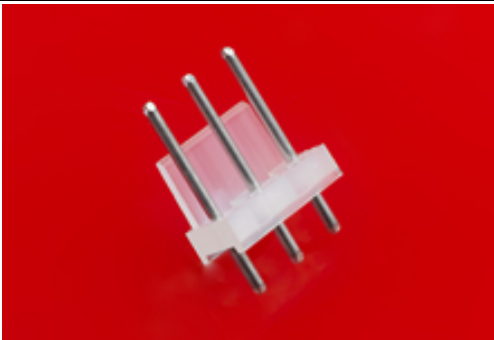
Termination Interface: Style

Through Hole

Electrical

Current - Maximum per Contact

7.0A



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

Compliant

China RoHS

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

Green Image

ELV

Not Relevant

RoHS Phthalates

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)	010
Lead-freeProcess Capability	WAVE
Process Temperature max. C	260
Material Info	
Engineering Number	AE-2599M-4A
Reference - Drawing Numbers	
Packaging Specification	PK-2599-0001-000
Product Specification	PS-99020-0087-001
Sales Drawing	SDAE-2599M-N*

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