

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number:

0010085041

Status:

Active

Overview:

KK Interconnect Systems

Description:

KK Header, Vertical, with Polarizing Backwall, 4 Circuits, Tin (Sn) Plating

Documents:

3D Model

Packaging Specification PK-2599-0001-000 (PDF)

Drawing (PDF)

Symbol Footprint Data SYM-1008-5041-001 (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 Interconnect Systems

Product Name

KK 508

Taxonomy

PCB Headers and Receptacles

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 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

1.059/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)

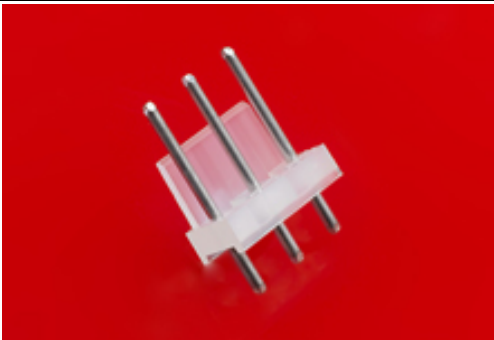
No

Temperature Range - Operating

See Product Specification

Termination Interface: Style

Through Hole



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

China RoHS

Compliant

REACH SVHC

Not Contained Per - D(2022)4187-DC (10 June 2022)

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](#)

Electrical

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	AE-2599M-4A
--------------------	-------------

Reference - Drawing Numbers

Packaging Specification	PK-2599-0001-000
Product Specification	PS-99020-0087-001
Symbol/Footprint Data	SYM-1008-5041-001

This document was generated on 10/13/2022

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION