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Part Number: [10-08-5041](#)
Status: **Active**
Overview: [KK® Interconnect System - Molex](#)
Description: [KK® Header, Vertical, with Polarizing Backwall, 4 Circuits, Tin \(Sn\) Plating](#)

Documents:

[3D Model](#) [Product Specification PS-99020-0087 \(PDF\)](#)
[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)

Agency Certification

UL E29179

General

Product Family PCB Headers
 Series [2599](#)
 Application Power, Wire-to-Board
 Overview [KK® Interconnect System - Molex](#)
 Product Name KK®
 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 7A

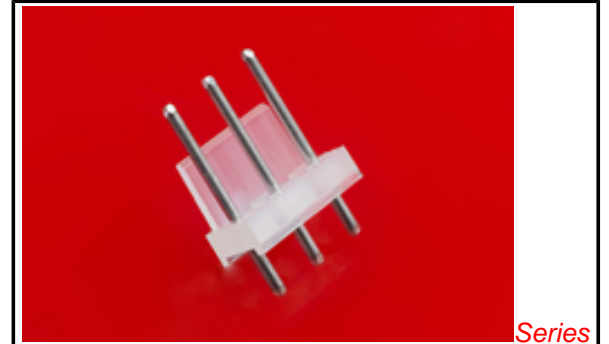


image - Reference only

Series

EU RoHS

ELV and RoHS Compliant

REACH SVHC

Contains SVHC: No
Low-Halogen Status
Low-Halogen

China RoHS



Need more information on product environmental compliance?

Email productcompliance@molex.com
 For a multiple part number RoHS Certificate of Compliance, [click here](#)

Please visit the [Contact Us](#) section for any non-product compliance questions.

Search Parts in this Series

[2599Series](#)

Mates With

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

Voltage - Maximum 250V

Solder Process Data

Duration at Max. Process Temperature (seconds) 10

Lead-free Process Capability Wave Capable (TH only)

Process Temperature max. C 260

Material Info

Old Part Number AE-2599M-4A

Reference - Drawing Numbers

Product Specification PS-99020-0087

Sales Drawing SDAE-2599M-N*

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