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**Part Number:** [0038004904](#)  
**Status:** **Active**  
**Overview:** [kk](#)  
**Description:** 5.08mm Pitch KK® Header, Vertical, with Polarizing Backwall, 12 Circuits, Tin (Sn) Plating, Circuit 8 Voided

**Documents:**

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

**Agency Certification**

UL E29179

**General**

Product Family PCB Headers  
 Series [2599](#)  
 Application Signal, Wire-to-Board  
 Overview [kk](#)  
 Product Name KK®

**Physical**

Breakaway No  
 Circuits (Loaded) 11  
 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  
 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 0°C to +50°C  
 Termination Interface: Style Through Hole

**Electrical**

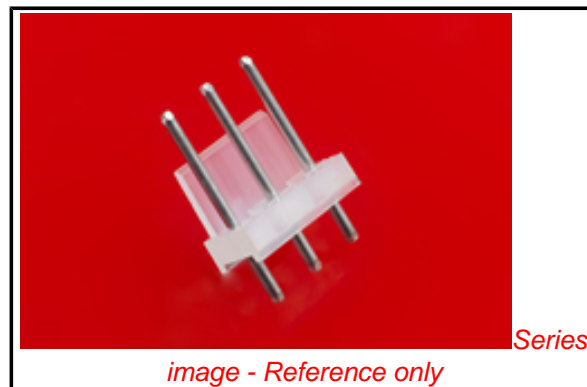


image - Reference only

**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](mailto: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](#)

Current - Maximum per Contact  
Voltage - Maximum

4.5A  
250V

**Solder Process Data**

Lead-free Process Capability

Wave Capable (TH only)

**Material Info**

Old Part Number

2599M12A08

**Reference - Drawing Numbers**

Product Specification

PS-99020-0087

Sales Drawing

SDAE-2599M-N\*

This document was generated on 01/25/2012

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