

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

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

Agency Certification

UL E29179

General

Product Family PCB Headers
 Series [2599](#)
 Application Signal, Wire-to-Board
 Overview kk_508
 Product Name KK 508
 Taxonomy PCB Headers and Receptacles
 UPC 800753018648

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 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 3.089/g
 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 See Product Specification
 Termination Interface: Style Through Hole

Electrical

Current - Maximum per Contact 4.5A
 Voltage - Maximum 250V

EU ELV

Not Relevant

EU 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

ELV

RoHS Phthalates

China RoHS

Green Image

Not Relevant

Not Contained

Search Parts in this Series

[2599](#) Series

Mates With

Crimp Housing [3001](#)
 PCB Receptacle [3002](#)

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	2599M12A08
--------------------	------------

Reference - Drawing Numbers

Packaging Specification	PK-2599-0001-000
Product Specification	PS-99020-0087-001
Symbol/Footprint Data	SYM-1008-5121-001

This document was generated on 09/04/2022

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION