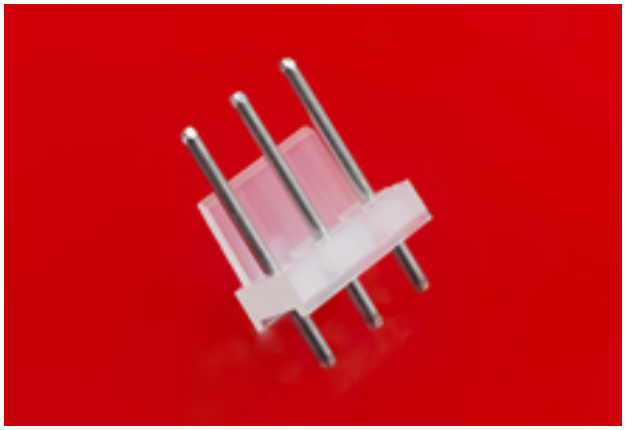
Part Number : 38007599
Product Description : KK Header, Vertical, with Polarizing Backwall, 9 Circuits, Tin (Sn) Plating, Circuit 6 Voided
Series Number : 2599
Status : Active
Product Category : PCB Headers and Receptacles
Engineering Number : 2599M09A-6



Documents & Resources

Drawings
038007599_sd.pdf
PK-2599-0001-000.pdf

3D Models and Design Files
SYM-1008-5091-001.zip

Specifications
PS-99020-0087-001.pdf

Product Environment Compliance

Compliance

GADSL/IMDS	Not Relevant
China RoHS	
EU ELV	Not Relevant
Low-Halogen Status	Low-Halogen per IEC 61249-2-21
REACH SVHC	Not Contained per D(2024)6225-DC (07 Nov 2024)
EU RoHS	Compliant per EU 2015/863

Multiple Part Product Compliance Statements
- Eu RoHS
- REACH SVHC
- Low-Halogen

Multiple Part Industry Compliance Documents

- IPC 1752A Class C
- IPC 1752A Class D
- Molex Product Compliance Declaration
- IEC-62474
- chemSHERPA (xml)

EU RoHS Certificate of Compliance

Part Details

General

Status	Active
Category	PCB Headers and Receptacles
Series	2599
Description	KK Header, Vertical, with Polarizing Backwall, 9 Circuits, Tin (Sn) Plating, Circuit 6 Voided
Application	Signal, Wire-to-Board
Component Type	PCB Header
Product Name	KK 508
UPC	800754317269

Agency

UL	E29179

Electrical

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

Physical

Breakaway	No
Circuits (Loaded)	8
Circuits (maximum)	9
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	2.279/g
Number of Rows	1
Orientation	Vertical
Packaging Type	Bag
PC Tail Length	4.45mm
PCB Locator	No
PCB Retention	None
PCB Thickness - Recommended	1.60mm
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
Temperature Range - Operating	See Product Specification
Termination Interface Style	Through Hole

Solder Process Data

Max-Duration	5
Lead-Free Process Capability	WAVE
Max-Cycle	1
Max-Temp	235

Mates With / Use With

Mates with Part(s)

Description	Part Number
KK 5.08mm Pitch Single Row Crimp Housings	3001
KK 5.08mm Pitch PC Board Connectors	3002