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Part Number:

1730830009

Status:

Active

Overview:

KK 508 Connector System

Description:

KK 508 Header, Vertical, with Polarizing Backwall, Tin (Sn) Plating, Glow-Wire Capable, 9 Circuits

Documents:

- 3D Model

Drawing (PDF)

3D Model (PDF)

Product Specification PS-173083-0001-001 (PDF)

Application Specification AS-173083-0001-001 (PDF)
- Packaging Specification PK-88596-1132-000 (PDF)

Test Summary TS-173083-0001-001 (PDF)

Symbol Footprint Data SYM-173083-0009-001 (PDF)

RoHS Certificate of Compliance (PDF)

Agency Certification

UL

E29179

General

Product Family

Series

Application

Comments

PCB Headers

173083

Power, Wire-to-Board

This Molex product is manufactured from material that has the following ratings, tested by independent agencies:
 a) A Glow Wire Ignition Temperature (GWIT) of at least 775 deg C per IEC60695-2-13.
 b) A Glow Wire Flammability Index (GWFI) above 850 deg C per IEC 60695-2-12.and hence complies with the requirements set out in the International Standard IEC 60335-1 5th edition - household and similar electrical appliances - safety; section 30 Resistance to heat and fire.

 The customers using this product must determine its suitability for use in their particular application through testing or other acceptable means as described in end-product glow-wire flammability test standard IEC 60695-2-11 and any applicable product end-use standard(s).

 If it is determined during the customer's evaluation of suitability, that higher performance is required, please contact Molex for possible product options.

Overview

Product Name

UPC

KK 508 Connector System

KK 508

889056317313

Physical

Breakaway

Circuits (Loaded)

Circuits (maximum)

Color - Resin

Durability (mating cycles max)

First Mate / Last Break

Flammability

Glow-Wire Capable

Guide to Mating Part

Keying to Mating Part

Lock to Mating Part

Material - Metal

Material - Plating Mating

Material - Plating Termination

No

9

9

Natural

25

No

94V-2

Yes

No

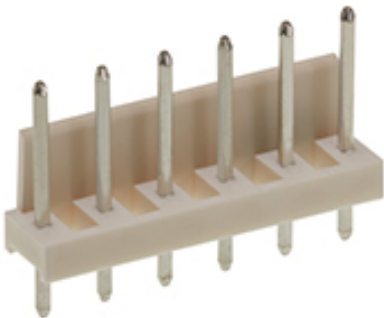
None

Yes

Brass

Tin

Tin



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

Compliant

REACH SVHC

Not Contained Per -
D(2021)4569-DC (8
July 2021)

Halogen-Free

Status

Not 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

173083 Series

Mates With

KK Glow-Wire Capable Crimp Housing
[91813](#)

Material - Resin	Nylon
Net Weight	2.529/g
Number of Rows	1
Orientation	Vertical
PC Tail Length	4.44mm
PCB Retention	None
PCB Thickness - Recommended	1.60mm
Packaging Type	Bag
Pitch - Mating Interface	5.08mm
Pitch - Termination Interface	5.08mm
Plating min - Mating	2.500μm
Plating min - Termination	2.500μm
Polarized to Mating Part	Yes
Polarized to PCB	No
Shrouded	Partial
Stackable	Yes
Surface Mount Compatible (SMC)	No
Temperature Range - Operating	-40° to +80°C
Termination Interface: Style	Through Hole
Electrical	
Current - Maximum per Contact	7.0A
Voltage - Maximum	250V
Solder Process Data	
Lead-freeProcess Capability	N/A
Material Info	
Reference - Drawing Numbers	
Application Specification	AS-173083-0001-001
Packaging Specification	PK-88596-1132-000
Product Specification	PS-173083-0001-001
Sales Drawing	SD-173083-0001-000
Symbol/Footprint Data	SYM-173083-0009-001
Test Summary	TS-173083-0001-001

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Authorized Distributor

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Molex:

173083-0009