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Part Number: [1730830006](#)
Status: **Active**
Overview: [KK 508 Connector System](#)
Description: KK 508 Header, Vertical, with Polarizing Backwall, Tin (Sn) Plating, Glow-Wire Capable, 6 Circuits

Documents:

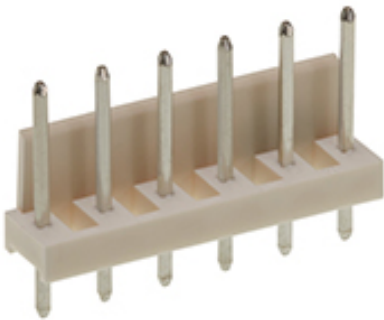
3D Model (PDF)	Application Specification AS-173083-0001-001 (PDF)
Drawing (PDF)	Packaging Specification PK-88596-1132-000 (PDF)
3D Model	Test Summary TS-173083-0001-001 (PDF)
DO NOT USE - Termination Procedure (PDF)	Symbol Footprint Data SYM-173083-0006-001 (PDF)
Product Specification PS-173083-0001-001 (PDF)	RoHS Certificate of Compliance (PDF)

General

Product Family	PCB Headers
Series	173083
Application	Power, Wire-to-Board
Comments	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	KK 508 Connector System
Product Name	KK 508
UPC	889056317269

Physical

Breakaway	No
Circuits (Loaded)	6
Circuits (maximum)	6
Color - Resin	Natural
Durability (mating cycles max)	25
First Mate / Last Break	No
Glow-Wire Capable	Yes
Guide to Mating Part	No
Keying to Mating Part	None
Lock to Mating Part	Yes
Material - Metal	Brass
Material - Plating Mating	Tin
Material - Plating Termination	Tin
Material - Resin	Nylon
Net Weight	1.671/g
Number of Rows	1
Orientation	Vertical



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

ELV

RoHS Phthalates

China RoHS

Green Image

Not Relevant

Not Contained

Search Parts in this Series

[173083 Series](#)

Mates With

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

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-173083-0006-001
Test Summary	TS-173083-0001-001

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Authorized Distributor

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