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Part Number:

0417910859

Status:

Active

Overview:

KK Interconnect Solutions

Description:

KK 396 Header, Vertical, Friction Lock, 12 Circuits, 0.76µm Gold (Au) Selective Plating

Documents:	
3D Model	Product Specification PS-08-50-001 (PDF)
3D Model (PDF)	Packaging Specification PK-41791-001-001 (PDF)
Drawing (PDF)	RoHS Certificate of Compliance (PDF)

Agency Certification		
CSA		LR19980
UL		E29179
General		
Product Family		PCB Headers
Series		41791
Application		Power, Wire-to-Board
Overview		KK Interconnect Solutions
Product Name		KK 396
Taxonomy		PCB Headers and Receptacles
UPC		191128082075

Physical		
Breakaway		No
Circuits (Loaded)		12
Circuits (maximum)		12
Color - Resin		Natural
Durability (mating cycles max)		50
Flammability		94V-0
Glow-Wire Capable		No
Lock to Mating Part		Yes
Material - Metal		Brass
Material - Plating Mating		Gold
Material - Plating Termination		Tin
Material - Resin		Polyester
Net Weight		4.476/g
Number of Rows		1
Orientation		Vertical
PC Tail Length		3.56mm
PCB Locator		No
PCB Retention		None
PCB Thickness - Recommended		1.60mm
Packaging Type		Bag
Pitch - Mating Interface		3.96mm
Plating min - Mating		0.762µm
Plating min - Termination		2.540µm
Polarized to Mating Part		Yes
Polarized to PCB		No
Shrouded		Partial
Stackable		Yes
Temperature Range - Operating		See Product Specification
Termination Interface: Style		Through Hole

Electrical		
Current - Maximum per Contact		7.0A
Voltage - Maximum		250V



Series image - Reference only

EU ELV	
Not Relevant	
EU RoHS	China RoHS
Compliant	
REACH SVHC	
Not Contained Per - D(2022)4187-DC (10 June 2022)	
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

41791 Series

Mates With

2139 KK Crimp Housing, 41695 KK Crimp Housing, 6442 KK Crimp Housing, 2145 PCB Connector, 41815 PCB Connector, 3069 KK Crimp Housing

Solder Process Data

Duration at Max. Process Temperature (seconds)	005
Lead-freeProcess Capability	WAVE
Max. Cycles at Max. Process Temperature	001
Process Temperature max. C	235

Material Info

Reference - Drawing Numbers

Packaging Specification	PK-41791-001-001
Product Specification	PS-08-50-001
Sales Drawing	SDA-41791-000, SDA-41791-002

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