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Part Number:

1718141012

Status:

Active

Overview:

KK Interconnect Systems

Description:

3.96mm Pitch, KK 396 RPC Wire-to-Board Right-Angle Header with Friction Lock, 15µm Gold (Au) Plating, Bag, 12 Circuits

- Documents:
- 3D Model (PDF)

Packaging Specification PK-41792-002-001 (PDF)
- Drawing (PDF)

Test Summary TS-171813-0001-001 (PDF)
- 3D Model

Symbol Footprint Data SYM-171814-0012-001 (PDF)
- Product Specification PS-171813-0001-001 (PDF)

RoHS Certificate of Compliance (PDF)
- Product Specification PS-171813-0002-001 (PDF)

Agency Certification	
CSA	LR19980
UL	E29179
General	
Product Family	PCB Headers
Series	171814
Application	Power, Signal, Wire-to-Board
Component Type	PCB Header
Overview	KK Interconnect Systems
Product Name	KK 396
Taxonomy	PCB Headers and Receptacles
UPC	887191429557

Physical	
Breakaway	No
Circuits (Loaded)	12
Circuits (maximum)	12
Color - Resin	Black
Durability (mating cycles max)	25
First Mate / Last Break	No
Flammability	94V-1
Glow-Wire Capable	No
Guide to Mating Part	No
Keying to Mating Part	None
Lock to Mating Part	Yes
Material - Plating Mating	Gold
Material - Plating Termination	Nickel
Material - Resin	Nylon
Net Weight	5.081/g
Number of Rows	1
Orientation	Right Angle
PCB Locator	No
PCB Retention	None
PCB Thickness - Recommended	1.60mm
Packaging Type	Bag
Pitch - Mating Interface	3.96mm
Shrouded	Partial
Stackable	No
Surface Mount Compatible (SMC)	Yes
Temperature Range - Operating	-40° to +105°C
Termination Interface: Style	Through Hole

Electrical



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	
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

171814 Series

Mates With

2145 , 41815 , 6442 , 2139 , 41695 , 3069

Current - Maximum per Contact	7.0A
Voltage - Maximum	250V
Solder Process Data	
Duration at Max. Process Temperature (seconds)	030
Lead-freeProcess Capability	SMC&WAVE
Max. Cycles at Max. Process Temperature	003
Process Temperature max. C	260

Material Info

Reference - Drawing Numbers

Packaging Specification	PK-41792-002-001
Product Specification	PS-171813-0001-001, PS-171813-0002-001
Sales Drawing	SD-171814-0001-000, SD-171814-0001-002
Symbol/Footprint Data	SYM-171814-0012-001
Test Summary	TS-171813-0001-001

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