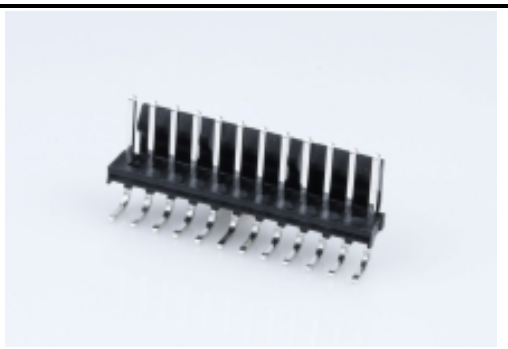
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Part Number: 1718140012
Status: Active
Overview: KK Interconnect Systems
Description: 3.96mm Pitch, KK 396 RPC Wire-to-Board Right-Angle Header with Friction Lock, Tin (Sn) Plating, Bag, 12 Circuits



Series image - Reference only

Documents:

Drawing (PDF)
3D Model (PDF)
3D Model
Product Specification PS-171813-0001-001 (PDF)
Product Specification PS-171813-0002-001 (PDF)
Packaging Specification PK-41792-002-001 (PDF)
Test Summary TS-171813-0001-001 (PDF)
Symbol Footprint Data SYM-171814-0012-001 (PDF)
RoHS Certificate of Compliance (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	887191375762

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	Tin
Material - Plating Termination	Nickel
Material - Resin	Nylon
Net Weight	5.093/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

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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