



Part Number : [1718141005](#)
Product Description : 3.96mm Pitch, KK 396
RPC Wire-to-Board Right-Angle Header with
Friction Lock, 15µm Gold (Au) Plating, Bag, 5
Circuits
Series Number : 171814
Status : Active
Product Category : PCB Headers and
Receptacles



Documents & Resources

Drawings
[1718141005_sd.pdf](#)
[PK-41792-002-001.pdf](#)

3D Models and Design Files
[1718141005_stp.zip](#)
[SYM-171814-0005-001.zip](#)

Specifications
[PS-171813-0001-001.pdf](#)
[PS-171813-0002-001.pdf](#)
[TS-171813-0001-001.pdf](#)

Product Environment Compliance

Compliance

GADSL/IMDS	Not Relevant
China RoHS	
EU ELV	Not Relevant
Low-Halogen Status	Low-Halogen per IEC 61249-2-21
REACH SVHC	Not Contained per D(2024)6225-DC (07 Nov 2024)
EU RoHS	Compliant per EU 2015/863

Multiple Part Product Compliance Statements

- Eu RoHS
- REACH SVHC
- Low-Halogen

Multiple Part Industry Compliance Documents

- IPC 1752A Class C
- IPC 1752A Class D
- Molex Product Compliance Declaration
- IEC-62474
- chemSHERPA (xml)

EU RoHS Certificate of Compliance

Part Details

General

Status	Active
Category	PCB Headers and Receptacles
Series	171814
Description	3.96mm Pitch, KK 396 RPC Wire-to-Board Right-Angle Header with Friction Lock, 15µm Gold (Au) Plating, Bag, 5 Circuits
Application	Power, Signal, Wire-to-Board
Component Type	PCB Header
Product Name	KK 396
UPC	887191429472

Agency

CSA	LR19980
UL	E29179

Electrical

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

Physical

Breakaway	No
Circuits (Loaded)	5
Circuits (maximum)	5
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	2.080/g
Number of Rows	1
Orientation	Right Angle
Packaging Type	Bag
PCB Locator	No
PCB Retention	None
PCB Thickness - Recommended	1.60mm
Pitch - Mating Interface	3.96mm
Shrouded	Partial
Stackable	No
Temperature Range - Operating	-40° to +105°C
Termination Interface Style	Through Hole

Solder Process Data

Max-Duration	30
Lead-Free Process Capability	SMC&WAVE
Max-Cycle	3
Max-Temp	260

Mates With / Use With

Mates with Part(s)

Description	Part Number
KK 3.96mm Single Row Crimp Housings	<u>2139</u>
KK 3.96mm Single Row Crimp Housings	<u>3069</u>

KK 3.96mm Crimp Housings	<u>41695</u>
KK 396 PC Board Connector	<u>41815</u>
KK 3.96mm Pitch Single Row Crimp Housings	<u>6442</u>