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Part Number: [1718143006](#)
Status: **Active**
Overview: [KK® Interconnect System - Molex](#)
Description: KK 396 RPC Wire-to-Board Right-Angle Header with Friction Lock, 6 Circuits

Documents:

3D Model	Packaging Specification PK-171814-0001-001 (PDF)
Drawing (PDF)	Test Summary TS-171813-0001-001 (PDF)
Product Specification PS-171813-0001-001 (PDF)	Test Summary TS-171814-0001-001 (PDF)
Product Specification PS-171813-0002-001 (PDF)	RoHS Certificate of Compliance (PDF)

Agency Certification

CSA	LR19980
UL	E29179

General

Product Family	PCB Headers
Series	171814
3D Viewer	Yes
Application	Power, Signal, Wire-to-Board
CURRENT-MAX-NUMERIC	13.0
Overview	KK® Interconnect System - Molex
PITCH-MATING-NUMERIC	3.96
Product Name	KK 396
UPC	887191718255

Physical

Breakaway	No
Circuits (Loaded)	6
Circuits (maximum)	6
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 - Metal	Brass
Material - Plating Mating	Tin
Material - Plating Termination	Nickel
Material - Resin	High Temperature Thermoplastic
Net Weight	2.504/g
Number of Rows	1
Orientation	Right Angle
PCB Locator	No
PCB Retention	None
PCB Thickness - Recommended	1.60mm
Packaging Type	Embossed Tape on Reel
Pitch - Mating Interface	3.96mm
Plating min - Mating	1.524µm
Polarized to Mating Part	Yes
Shrouded	Partial
Stackable	No
Surface Mount Compatible (SMC)	Yes
Temperature Range - Operating	-40° to +105°C
Termination Interface: Style	Through Hole



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

Compliant

REACH SVHC

Not Contained Per -
ED/71/2019 (16 July
2019)

Halogen-Free

Status

Low-Halogen

For more information, please visit [Contact US](#)

China ROHS

ELV

RoHS Phthalates

Green Image

Not Relevant

Not Contained

Search Parts in this Series

[171814](#) Series

Mates With

[2145](#) , [41815](#) , [6442](#) , [2139](#) , [41699](#)

Electrical

Current - Maximum per Contact	13.0A
Voltage - Maximum	600V

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-171814-0001-001
Product Specification	PS-171813-0001-001, PS-171813-0002-001
Sales Drawing	SD-171814-0001-000, SD-171814-0001-002
Symbol/Footprint Data	SYM-171814-0006
Test Summary	TS-171813-0001-001, TS-171814-0001-001

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