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Part Number:

171813-3004

Status:

Active

Overview:

KK® Interconnect System - Molex

Description:

3.96mm Pitch, KK® 396 RPC Wire-to-Board Vertical Header with Friction Lock, Tin (Sn) Plating, Tape and Reel, 4 Circuits

Documents:

- 3D Model

Test Summary TS-171813-0001 (PDF)
- Drawing (PDF)

Test Summary TS-171813-0002 (PDF)
- Product Specification PS-171813-0001 (PDF)

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

General

Product Family	PCB Headers
Series	171813
Application	Power, Signal, Wire-to-Board
Overview	KK® Interconnect System - Molex
Product Name	KK® 396
UPC	887191570907

Physical

Breakaway	No
Circuits (Loaded)	4
Circuits (maximum)	4
Color - Resin	Black
Durability (mating cycles max)	25
First Mate / Last Break	No
Glow-Wire Compliant	Yes
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	1.251/g
Number of Rows	1
Orientation	Vertical
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°C to +105°C
Termination Interface: Style	Through Hole

Electrical

Current - Maximum per Contact	13A
Voltage - Maximum	600V

Solder Process Data



image - Reference only

Series

EU RoHS

ELV and RoHS
Compliant
REACH SVHC
Contains SVHC: No
Low-Halogen Status
Low-Halogen

China RoHS



Need more information on product environmental compliance?

Email productcompliance@molex.com
For a multiple part number RoHS Certificate of Compliance, [click here](#)

Please visit the [Contact Us](#) section for any non-product compliance questions.

Search Parts in this Series

171813Series

Mates With

4455 , 2695 , 6471

Duration at Max. Process Temperature (seconds)	30
Lead-free Process Capability	SMC & Wave Capable (TH only)
Max. Cycles at Max. Process Temperature	3
Process Temperature max. C	260

Material Info

Reference - Drawing Numbers

Product Specification	PS-171813-0001, PS-171813-0002
Sales Drawing	SD-171813-0001
Test Summary	TS-171813-0001, TS-171813-0002

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