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**Part Number:** [1718561104](#)  
**Status:** **Active**  
**Overview:** [KK® Interconnect System - Molex](#)  
**Description:** [KK RPC 100 Hdr FrLk Vert 04 Ckt 15Au](#)

**Documents:**

<a href="#">3D Model</a>	<a href="#">Product Specification PS-171856-0002-001 (PDF)</a>
<a href="#">3D Model (PDF)</a>	<a href="#">Packaging Specification PK-6373-001-000 (PDF)</a>
<a href="#">Drawing (PDF)</a>	<a href="#">RoHS Certificate of Compliance (PDF)</a>
<a href="#">Product Specification PS-171856-0001-001 (PDF)</a>	

**Agency Certification**

UL E29179

**General**

Product Family	PCB Headers
Series	<a href="#">171856</a>
Application	Signal, Wire-to-Board
Overview	<a href="#">KK® Interconnect System - Molex</a>
Product Name	KK 254
UPC	887191652986

**Physical**

Breakaway	No
Circuits (Loaded)	4
Circuits (maximum)	4
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
Lock to Mating Part	Yes
Material - Metal	Brass
Material - Plating Mating	Gold
Material - Resin	Nylon
Net Weight	0.465/g
Number of Rows	1
Orientation	Vertical
PC Tail Length	3.56mm
PCB Retention	None
PCB Thickness - Recommended	1.60mm
Packaging Type	Bag
Pitch - Mating Interface	2.54mm
Pitch - Termination Interface	2.54mm
Plating min - Mating	0.380µm
Polarized to Mating Part	Yes
Polarized to PCB	No
Shrouded	Partial
Stackable	No
Temperature Range - Operating	See Product Specification
Termination Interface: Style	Through Hole

**Electrical**

Current - Maximum per Contact	4.0A
Voltage - Maximum	500V

**Solder Process Data**

**EU ELV**

**Not Relevant**

**EU RoHS**

**Compliant**

**REACH SVHC**

Not Contained Per -  
D(2020)9139-DC (19  
Jan 2021)

**Halogen-Free**

**Status**

**Low-Halogen**

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

China ROHS

ELV

RoHS Phthalates

**China RoHS**

Green Image

Not Relevant

Not Contained

**Search Parts in this Series**

[171856](#) Series

**Mates With**

[4455](#) , [2695](#) , [6471](#)

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-6373-001-000
Product Specification	PS-171856-0001-001, PS-171856-0002-001
Sales Drawing	SD-171856-0001-000

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