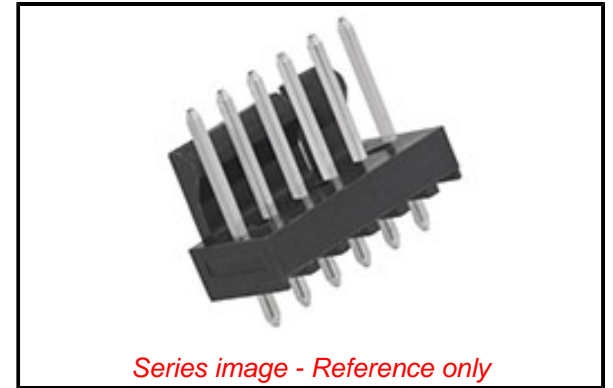


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Part Number: [1718566005](#)
Status: **Active**
Overview: [KK® Interconnect System - Molex](#)
Description: 2.54mm Pitch, KK 254 RPC Vertical Header with Friction Lock, Gold (Au) Plating, 5 Circuits, Tape and Reel

Documents:

3D Model	Product Specification PS-171856-0002-001 (PDF)
3D Model (PDF)	Packaging Specification PK-171856-0001-000 (PDF)
Drawing (PDF)	RoHS Certificate of Compliance (PDF)
Product Specification PS-171856-0001-001 (PDF)	



General

Product Family	PCB Headers
Series	171856
Application	Board-to-Board, Power, Signal, Wire-to-Board
Overview	KK® Interconnect System - Molex
Product Name	KK 254
UPC	193264537105

Physical

Breakaway	No
Circuits (Loaded)	5
Circuits (maximum)	5
Color - Resin	Black
Durability (mating cycles max)	25
First Mate / Last Break	No
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	Gold
Material - Plating Termination	Matte Tin
Material - Resin	Nylon
Net Weight	0.567/g
Number of Rows	1
Orientation	Vertical
PC Tail Length	2.34mm
PCB Locator	No
PCB Thickness - Recommended	1.60mm
Packaging Type	Embossed Tape on Reel
Pitch - Mating Interface	2.54mm
Plating min - Mating	0.762µm
Plating min - Termination	2.540µm
Polarized to Mating Part	Yes
Shrouded	Partial
Stackable	No
Surface Mount Compatible (SMC)	Yes
Temperature Range - Operating	-40° to +105°C, -40° to +80°C
Termination Interface: Style	Through Hole

Electrical

Current - Maximum per Contact	4.0A
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Material Info

Reference - Drawing Numbers

EU ELV

Not Reviewed

EU RoHS

Not Reviewed

REACH SVHC

Not Reviewed

Halogen-Free

Status

Not Reviewed

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

China ROHS

Not Reviewed

ELV

Not Reviewed

RoHS Phthalates

Not Reviewed

Search Parts in this Series

[171856 Series](#)

Mates With

KK 254 PC Board Connector [4455](#)
 KK 254 Crimp Housing [2695](#)

Packaging Specification
Product Specification
Sales Drawing

PK-171856-0001-000
PS-171856-0001-001, PS-171856-0002-001
SD-171856-0001-000

This document was generated on 09/03/2020

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