

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number: [1718573009](#)
Status: **Active**
Overview: [KK Interconnect Solutions](#)
Description: 2.54mm Pitch, KK 254 RPC Wire-to-Board Right-Angle Header with Friction Lock, Tin (Sn) Plating, Tape and Reel, 9 Circuits

Documents:

3D Model	Product Specification PS-171856-0002-001 (PDF)
3D Model (PDF)	Packaging Specification PK-171857-0001-001 (PDF)
Drawing (PDF)	Symbol Footprint Data SYM-171857-0009-001 (PDF)
Product Specification PS-171856-0001-001 (PDF)	RoHS Certificate of Compliance (PDF)



Series image - Reference only

Agency Certification

UL E29179

General

Product Family	PCB Headers
Series	171857
Application	Power, Signal, Wire-to-Board
Overview	KK Interconnect Solutions
Product Name	KK 254
UPC	887191716367

Physical

Breakaway	No
Circuits (Loaded)	9
Circuits (maximum)	9
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	Tin
Material - Plating Termination	Nickel
Material - Resin	High Temperature Thermoplastic
Net Weight	1.193/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	2.54mm
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

Electrical

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

EU ELV

Not Relevant

EU RoHS

Compliant
REACH SVHC

Not Contained Per -
D(2021)4569-DC (8
July 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

[171857](#) Series

Mates With

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

Solder Process Data

Duration at Max. Process Temperature (seconds)	030
Lead-free Process Capability	SMC&WAVE
Max. Cycles at Max. Process Temperature	003
Process Temperature max. C	260

Material Info**Reference - Drawing Numbers**

Packaging Specification	PK-171857-0001-001
Product Specification	PS-171856-0001-001, PS-171856-0002-001
Sales Drawing	SD-171857-0001-000, SD-171857-0001-002
Symbol/Footprint Data	SYM-171857-0009-001

This document was generated on 10/04/2021

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

X-ON Electronics

Largest Supplier of Electrical and Electronic Components

Click to view similar products for [Headers & Wire Housings](#) category:

Click to view products by [Molex](#) manufacturer:

Other Similar products are found below :

[0009485154](#) [0009624107](#) [0009652039](#) [0010894262](#) [00136](#) [0014563224](#) [0015477550](#) [0015917081](#) [00201300061](#) [0022102161](#) [0022173172](#)
[0022173242](#) [0022283030](#) [0026482241](#) [0026604103](#) [0039026044](#) [0039036124](#) [0050291907](#) [0050304461](#) [0050361796](#) [0050650112](#) [005093X](#)
[005758D](#) [005759B](#) [008263021200000+](#) [008263021200001+](#) [008263031200000+](#) [008263041200000+](#) [008263061200000+](#)
[008283021100000+](#) [008283021200000+](#) [008283041200000+](#) [008283061100000+](#) [008283061200000+](#) [008283081200000+](#)
[008283161310000+](#) [008283161400000+](#) [008370127000800](#) [008370151000800+](#) [008370167001800+](#) [008370217000800+](#) [008380026002010](#)
[008380050002010](#) [008383010000010](#) [008426-000](#) [009021041100339](#) [009021061200339](#) [009021101200339](#) [009021121200339](#)
[009021142200339](#)