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Part Number: [1718564007](#)
Status: **Active**
Overview:
Description: 2.54mm Pitch, KK 254 RPC Vertical Header with Friction Lock, 15µm Gold (Au) Plating, Pin Length 12.95mm, Tape and Reel, 7 Circuits

Agency Certification

UL E29179

General

Product Family PCB Headers
 Series [171856](#)
 Application Board-to-Board, Power, Signal, Wire-to-Board
 Comments See Product Specification for maximum current rating by AWG.

See Product Specification for operating temperature range by material.
 Overview kk_interconnect_solutions
 Product Name KK 254
 UPC 887191572390

Physical

Breakaway No
 Circuits (Loaded) 7
 Circuits (maximum) 7
 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 Gold
 Material - Plating Termination Matte Tin
 Material - Resin High Temperature Thermoplastic
 Net Weight 0.796/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 2.54mm
 Plating min - Mating 0.381µm
 Plating min - Termination 2.540µm
 Polarized to Mating Part Yes
 Robotic Placement Pick and Place Cap
 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
 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

[171856](#) 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-171856-0001-000
Product Specification	PS-171856-0001-001, PS-171856-0002-001
Sales Drawing	SD-171856-0001-000
Symbol/Footprint Data	SYM-171856-0007-001

This document was generated on 10/05/2021

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