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Part Number:

1718560006

Status:

Active

Overview:

KK® Interconnect System - Molex

Description:

2.54mm Pitch, KK 254 RPC Vertical Header with Friction Lock, Tin (Sn) Plating, Pin Length 12.95mm, Bag, 6 Circuits

Documents:

- [3D Model](#)
- [Drawing \(PDF\)](#)
- [Product Specification PS-171856-0001-001 \(PDF\)](#)
- [Product Specification PS-171856-0002-001 \(PDF\)](#)
- [Product Specification TS-171856-0001-001 \(PDF\)](#)
- [Packaging Specification PK-6373-001-000 \(PDF\)](#)
- [RoHS Certificate of Compliance \(PDF\)](#)

Agency Certification

CSA

LR19980

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 System - Molex

Product Name

KK 254

UPC

887191376424

Physical

Breakaway

No

Circuits (Loaded)

6

Circuits (maximum)

6

Color - Resin

Black

Durability (mating cycles max)

25

First Mate / Last Break

No

Flammability

94V-1

Glow-Wire Compliant

No

Guide to Mating Part

No

Keying to Mating Part

None

Lock to Mating Part

Yes

Material - Metal

Brass

Material - Plating Mating

Matte Tin

Material - Plating Termination

Matte Tin

Material - Resin

High Temperature Thermoplastic

Net Weight

0.678/g

Number of Rows

1

Orientation

Vertical

PCB Locator

No

PCB Retention

None

PCB Thickness - Recommended

1.60mm

Packaging Type

Bag

Pitch - Mating Interface

2.54mm

Plating min - Mating

1.524µm

Plating min - Termination

1.524µm

Polarized to Mating Part

Yes

Shrouded

Partial

Stackable

No

Surface Mount Compatible (SMC)

Yes



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

Compliant

REACH SVHC

Not Contained Per -
ED/30/2017 (7 July
2017)

Halogen-Free

Status

Low-Halogen

Need more information on product
environmental compliance?

Email productcompliance@molex.com
Please visit the [Contact Us](#) section for any
non-product compliance questions.

China ROHS

Green Image

ELV

Not Relevant

RoHS Phthalates

Not Contained

Search Parts in this Series

171856 Series

Mates With

4455 , 2695 , 6471

Temperature Range - Operating	-40°C to +105°C, -40°C to +80°C
Termination Interface: Style	Through Hole
Electrical	
Current - Maximum per Contact	4.0A
Voltage - Maximum	500V
Solder Process Data	
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, TS-171856-0001-001
Sales Drawing	SD-171856-0001-000, SD-171856-0001-002

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