

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number:

1718571006

Status:

Active

Overview:

KK® Interconnect System - Molex

Description:

2.54mm Pitch, KK 254 RPC Wire-to-Board Right-Angle Header with Friction Lock, 15µm Gold (Au) Plating, Bag, 6 Circuits

Documents:

3D Model

Drawing (PDF)

Product Specification PS-171856-0001-001 (PDF)

Product Specification PS-171856-0002-001 (PDF)

Packaging Specification PK-7478-001-000 (PDF)

RoHS Certificate of Compliance (PDF)

Agency Certification

CSA

LR19980

UL

E29179

General

Product Family

PCB Headers

Series

171857

3D Viewer

Yes

Application

Power, Signal, Wire-to-Board

CURRENT-MAX-NUMERIC

4.0

Overview

KK® Interconnect System - Molex

PITCH-MATING-NUMERIC

2.54

Product Name

KK 254

UPC

887191417660

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 Capable

No

Guide to Mating Part

No

Keying to Mating Part

None

Lock to Mating Part

Yes

Material - Plating Mating

Gold

Material - Plating Termination

Nickel

Material - Resin

Nylon

Net Weight

0.786/g

Number of Rows

1

Orientation

Right Angle

PCB Locator

No

PCB Retention

None

PCB Thickness - Recommended

1.60mm

Packaging Type

Bag

Pitch - Mating Interface

2.54mm

Plating min - Mating

0.381µm

Shrouded

Partial

Stackable

No

Surface Mount Compatible (SMC)

Yes

Temperature Range - Operating

-40° to +105°C

Termination Interface: Style

Through Hole

Electrical



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

Compliant

REACH SVHC

Not Contained Per -
ED/71/2019 (16 July
2019)

Halogen-Free

Status

Low-Halogen

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

China ROHS

ELV

RoHS Phthalates

Green Image

Not Relevant

Not Contained

Search Parts in this Series

171857 Series

Mates With

4455 , 2695 , 6471

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-7478-001-000
Product Specification	PS-171856-0001-001, PS-171856-0002-001
Sales Drawing	SD-171857-0001-000, SD-171857-0001-002
Symbol/Footprint Data	SYM-171857-0006

This document was generated on 10/09/2019

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

Molex:

171857-1006