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Part Number:

171856-1007

Status:

Active

Overview:

KK® Interconnect System - Molex

Description:

2.54mm Pitch, KK® 254 RPC Wire-to-Board Vertical Header with Friction Lock, 15µm Gold (Au) Plating, Bag, 7 Circuits



Series

image - Reference only

Documents:

- 3D Model

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

Test Summary TS-171856-0001 (PDF)
- Product Specification PS-171856-0001 (PDF)

RoHS Certificate of Compliance (PDF)

Agency Certification

CSA

LR19980

UL

E29179

General

Product Family

PCB Headers

Series

171856

Application

Power, Signal, Wire-to-Board

Overview

KK® Interconnect System - Molex

Product Name

KK® 254

UPC

887191416267

Physical

Breakaway

No

Circuits (Loaded)

7

Circuits (maximum)

7

Color - Resin

Black

Durability (mating cycles max)

50

First Mate / Last Break

No

Flammability

94V-1

Glow-Wire Compliant

Yes

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

Nickel

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

Bag

Pitch - Mating Interface

2.54mm

Plating min - Mating

0.381µm

Polarized to Mating Part

Yes

Shrouded

Partial

Stackable

No

Surface Mount Compatible (SMC)

Yes

Temperature Range - Operating

-40°C to +105°C

Termination Interface: Style

Through Hole

Electrical

EU RoHS

ELV and RoHS Compliant

REACH SVHC

Contains SVHC: No

Low-Halogen Status

Low-Halogen

China RoHS



Need more information on product environmental compliance?

Email productcompliance@molex.com
For a multiple part number RoHS Certificate of Compliance, [click here](#)

Please visit the [Contact Us](#) section for any non-product compliance questions.

Search Parts in this Series
171856Series

Mates With
4455 , 2695 , 6471

Current - Maximum per Contact	4A
Voltage - Maximum	250V

Solder Process Data

Duration at Max. Process Temperature (seconds)	30
Lead-free Process Capability	SMC & Wave Capable (TH only)
Max. Cycles at Max. Process Temperature	3
Process Temperature max. C	260

Material Info

Reference - Drawing Numbers

Product Specification	PS-171856-0001, PS-171856-0002
Sales Drawing	SD-171856-0001
Test Summary	TS-171856-0001

This document was generated on 08/07/2014

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