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Part Number:

171856-0006

Status:

Active

Overview:

KK® Interconnect System

Description:

KK® 254 RPC Wire-to-Board Vertical Header with Friction Lock, 6 Circuits



image - Reference only

Series

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

UL

E29179

General

Product Family

PCB Headers

Series

171856

Application

Power, Signal, Wire-to-Board

Overview

KK® Interconnect System

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

Glow-Wire Compliant

Yes

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

Nylon

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

Shrouded

Partial

Stackable

No

Surface Mount Compatible (SMC)

No

Temperature Range - Operating

-40°C to +105°C

Termination Interface: Style

Through Hole

Electrical

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

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

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

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