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Part Number:

171856-1003

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, 3 Circuits

Documents:

3D Model

Drawing (PDF)

Product Specification PS-171856-0001 (PDF)

Product Specification PS-171856-0002 (PDF)

Test Summary TS-171856-0001 (PDF)

RoHS Certificate of Compliance (PDF)

Agency Certification

CSA

LR19980

UL

E29179

General

Product Family

Series

Application

Overview

Product Name

UPC

PCB Headers

171856

Power, Signal, Wire-to-Board

KK® Interconnect System - Molex

KK® 254

887191416229

Physical

Breakaway

Circuits (Loaded)

Circuits (maximum)

Color - Resin

Durability (mating cycles max)

First Mate / Last Break

Flammability

Glow-Wire Compliant

Guide to Mating Part

Keying to Mating Part

Lock to Mating Part

Material - Metal

Material - Plating Mating

Material - Plating Termination

Material - Resin

Net Weight

Number of Rows

Orientation

PCB Locator

PCB Retention

PCB Thickness - Recommended

Packaging Type

Pitch - Mating Interface

Plating min - Mating

Polarized to Mating Part

Shrouded

Stackable

Surface Mount Compatible (SMC)

Temperature Range - Operating

Termination Interface: Style

No

3

3

Black

50

No

94V-1

Yes

No

None

Yes

Brass

Gold

Nickel

High Temperature Thermoplastic

0.332/g

1

Vertical

No

None

1.60mm

Bag

2.54mm

0.381µm

Yes

Partial

No

Yes

-40°C to +105°C

Through Hole

Electrical



image - Reference only

Series

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

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