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Part Number:

1718563003

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, Tape and Reel, 3 Circuits

Documents:

3D Model

Drawing (PDF)

3D Model (PDF)

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

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

Packaging Specification PK-171856-0001-000 (PDF)

RoHS Certificate of Compliance (PDF)

Agency Certification

UL

E29179

General

Product Family

Series

3D Viewer

Application

CURRENT-MAX-NUMERIC

Comments

Overview

PITCH-MATING-NUMERIC

Product Name

UPC

PCB Headers

171856

Yes

Board-to-Board, Power, Signal, Wire-to-Board

4.0

See Product Specification for maximum current rating by AWG.

See Product Specification for operating temperature range by material., See Product Specification for maximum current rating by AWG.

See Product Specification for operating temperature range by material.

KK® Interconnect System - Molex

2.54

KK 254

887191519883

Physical

Breakaway

Circuits (Loaded)

Circuits (maximum)

Color - Resin

Durability (mating cycles max)

First Mate / Last Break

Flammability

Glow-Wire Capable

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

No

3

3

Black

25

No

94V-1

No

No

None

Yes

Brass

Matte Tin

Matte Tin

High Temperature Thermoplastic

0.332/g

1

Vertical

No

None

1.60mm

Embossed Tape on Reel

2.54mm

1.524µm



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

China 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

Green Image

ELV

Not Relevant

RoHS Phthalates

Not Contained

Search Parts in this Series

171856 Series

Mates With

4455 , 2695 , 6471

Plating min - Termination	1.524μm
Polarized to Mating Part	Yes
Robotic Placement	Pick and Place Cap
Shrouded	Partial
Stackable	No
Surface Mount Compatible (SMC)	Yes
Temperature Range - Operating	-40° to +105°C, -40° 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-171856-0001-000
Product Specification	PS-171856-0001-001, PS-171856-0002-001
Sales Drawing	SD-171856-0001-000, SD-171856-0001-002
Symbol/Footprint Data	SYM-171856-0003

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