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Part Number: [171856-1012](#)
Status: **Active**
Overview: [KK® Interconnection System](#)
Description: KK® RPC 2.54mm Wire-to-Board Vertical Header with Friction Lock, 12 Circuits, 15µm Gold (Au)

Documents:

[Drawing \(PDF\)](#) [Test Summary TS-171856-0001 \(PDF\)](#)
[Product Specification PS-171856-0001 \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)
[Product Specification PS-171856-0002 \(PDF\)](#)

General

Product Family PCB Headers
Series [171856](#)
Application Power, Signal, Wire-to-Board
Overview [KK® Interconnection System](#)
Product Name KK®
UPC 887191416717

Physical

Breakaway No
Circuits (Loaded) 12
Circuits (maximum) 12
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 Gold
Material - Plating Termination Nickel
Material - Resin Nylon
Net Weight 1.378/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
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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