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Part Number: [171857-0003](#)
Status: **Active**
Overview: [KK® Interconnection System](#)
Description: [KK® RPC 2.54mm Wire-to-Board Right-Angle Header with Friction Lock, 3 Circuits](#)

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 [171857](#)
Application [Power, Signal, Wire-to-Board](#)
Overview [KK® Interconnection System](#)
Product Name [KK®](#)
UPC [887191376509](#)

Physical

Breakaway [No](#)
Circuits (Loaded) [3](#)
Circuits (maximum) [3](#)
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 [0.386/g](#)
Number of Rows [1](#)
Orientation [Right Angle](#)
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](#)
Process Temperature max. C [260](#)

Material Info

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
[171857Series](#)

Reference - Drawing Numbers

Product Specification

Sales Drawing

Test Summary

PS-171856-0001, PS-171856-0002

SD-171857-0001

TS-171856-0001

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