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Part Number: 0022286043

Status: **Active**

Overview: KK® Interconnect System - Molex

Description: KK 254 Breakaway Header, Right-Angle, 4 Circuits, 0.38µm (15µ") Gold (Au) Selective

Plating, Mating Pin Length 10.29mm (.405")

Documents:

3D Model Packaging Specification PK-40873-0041-001 (PDF) 3D Model (PDF) Packaging Specification PK-40873-0043-001 (PDF)

Drawing (PDF) Symbol Footprint Data SYM-22-28-6043 (PDF)

RoHS Certificate of Compliance (PDF) Product Specification PS-10-07-001 (PDF)

Agency Certification

CSA LR19980 UL E29179

Application tooling part link

Application Tooling Part Link 11-20-1230

General

PCB Headers Product Family

Series 42376

Application Board-to-Board, Signal, Wire-to-Board Overview KK® Interconnect System - Molex

Product Name KK 254

UPC 800753800076

Physical

Stackable

Surface Mount Compatible (SMC)

Breakaway Yes Circuits (Loaded) 4 Circuits (maximum) 4 Color - Resin Black Durability (mating cycles max) 25 Flammability 94V-0 Glow-Wire Capable No Material - Metal **Brass** Material - Plating Mating Gold Material - Plating Termination Tin

Material - Resin High Temperature Thermoplastic

Net Weight 0.352/gNumber of Rows

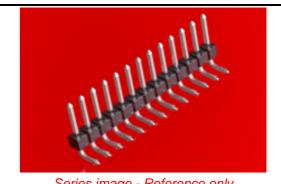
Orientation Right Angle 3.05mm PC Tail Length **PCB** Locator No **PCB** Retention None PCB Thickness - Recommended 1.60mm Packaging Type Bag Pitch - Mating Interface 2.54mm Plating min - Mating 0.381µm Plating min - Termination 2.540µm Polarized to Mating Part No Polarized to PCB No Shrouded No

Temperature Range - Operating See Product Specification

No

No

Termination Interface: Style Through Hole



Series image - Reference only

EU ELV

Not Relevant

EU RoHS China RoHS Compliant

REACH SVHC Not Contained Per -ECHA 01 2020 (16 January 2020

Halogen-Free

Status

Not 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

42376 Series

Mates With

KK Crimp Housing 2695, 6471, 7880, KK

PC Board Connector 4455

Electrical

Current - Maximum per Contact 4.0A Voltage - Maximum 500V

Solder Process Data

Duration at Max. Process Temperature (seconds) 005
Lead-freeProcess Capability WAVE
Max. Cycles at Max. Process Temperature 001
Process Temperature max. C 235

Material Info

Engineering Number 42376-0144

Reference - Drawing Numbers

Packaging Specification PK-40873-0041-001, PK-40873-0043-001

Product Specification PS-10-07-001
Sales Drawing SD-42376-001-002
Symbol/Footprint Data SYM-22-28-6043

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Molex:

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