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Part Number: 0022288080

Status: Active

Overview: KK® Interconnect System - Molex

Description: KK® 254 Breakaway Header, Right-Angle Surface Mount Compatible, 8 Circuits, Tin (Sn) Plating, Mating Pin Length 6.20mm

Documents:

[3D Model](#) [Product Specification PS-10-07 \(PDF\)](#)

[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)

Agency Certification

CSA LR19980

UL E29179

General

Product Family PCB Headers

Series 42377

Application Board-to-Board, Signal, Wire-to-Board

Application Tooling Part Link 11-20-1230

Overview KK® Interconnect System - Molex

Product Name KK® 254

UPC 800754260381

Physical

Breakaway Yes

Circuits (Loaded) 8

Circuits (maximum) 8

Color - Resin Black

Durability (mating cycles max) 25

Flammability 94V-0

Glow-Wire Compliant No

Lock to Mating Part None

Material - Metal Brass

Material - Plating Mating Tin

Material - Plating Termination Tin

Material - Resin High Temperature Thermoplastic

Net Weight 0.579/g

Number of Rows 1

Orientation Right Angle

PC Tail Length 3.05mm

PCB Locator No

PCB Retention None

PCB Thickness - Recommended 1.60mm

Packaging Type Bag

Pitch - Mating Interface 2.54mm

Plating min - Mating 2.540µm

Plating min - Termination 2.540µm

Polarized to Mating Part Yes

Polarized to PCB No

Shrouded Partial

Stackable No

Surface Mount Compatible (SMC) Yes

Temperature Range - Operating See Product Specification

Termination Interface: Style Through Hole

Electrical

Current - Maximum per Contact 4.0A



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

Compliant

China RoHS

REACH SVHC

Not Contained Per -
ED/21/2016 (20 June
2016)

Halogen-Free

Status

Not Low-Halogen

Need more information on product
environmental compliance?

Email productcompliance@molex.com
Please visit the [Contact Us](#) section for any
non-product compliance questions.

China ROHS
ELV

Green Image
Not Relevant

Search Parts in this Series

42377 Series

Mates With

KK® Crimp Housing 2695 , 6471 , 7880 ,
KK® PC Board Connector 4455

Voltage - Maximum	250V
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	A-42377-0008
Reference - Drawing Numbers	
Product Specification	PS-10-07
Sales Drawing	SD-42377-001

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