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Part Number: [0022052051](#)
Status: **Active**
Overview: [KK® Interconnect System - Molex](#)
Description: [KK® 254 Wire-to-Board Header, Single Row, Right Angle, 5 Circuits, PA Polyamide Nylon, Tin \(Sn\) Plating](#)

Documents:

[3D Model](#) [Packaging Specification PK-4094-001 \(PDF\)](#)
[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)
[Product Specification PS-10-07-001 \(PDF\)](#)

Agency Certification

CSA LR19980
 UL E29179

General

Product Family PCB Headers
 Series 4094
 Application Board-to-Board, Signal, Wire-to-Board
 Overview [KK® Interconnect System - Molex](#)
 Product Name KK® 254
 UPC 800753755536

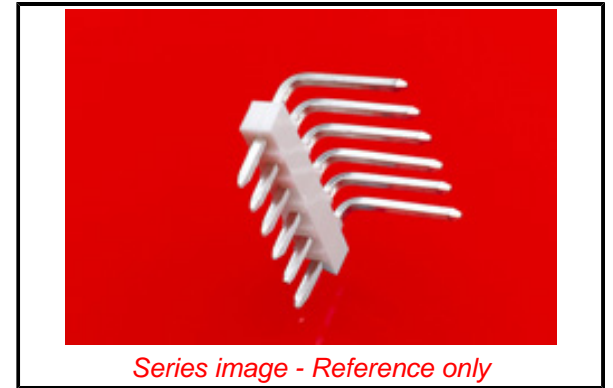
Physical

Breakaway No
 Circuits (Loaded) 5
 Circuits (maximum) 5
 Color - Resin Natural (White)
 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 - Resin Nylon
 Net Weight 0.403/g
 Number of Rows 1
 Orientation Right Angle
 PC Tail Length 3.15mm
 PCB Locator No
 PCB Retention None
 PCB Thickness - Recommended 1.60mm
 Packaging Type Bag
 Pitch - Mating Interface 2.54mm
 Pitch - Termination Interface 2.54mm
 Polarized to Mating Part No
 Polarized to PCB No
 Shrouded No
 Stackable Yes
 Surface Mount Compatible (SMC) No
 Temperature Range - Operating See Product Specification
 Termination Interface: Style Through Hole

Electrical

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

Solder Process Data



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

Compliant

REACH SVHC

Not Contained Per -
 ED/30/2017 (7 July
 2017)

Halogen-Free

Status

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	Green Image
ELV	Not Relevant
RoHS Phthalates	Not Contained

Search Parts in this Series

[4094 Series](#)

Mates With

[2695](#) , [6471](#) , [7880](#) , [4455](#) , [7720](#)

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-4094-05A197
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Reference - Drawing Numbers

Packaging Specification	PK-4094-001
Product Specification	PS-10-07-001
Sales Drawing	SDA-4094

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