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Part Number: [0022122111](#)
Status: **Active**
Overview: [KK® Interconnect System - Molex](#)
Description: KK 254 Wire-to-Board Header, Single Row, Right-Angle, 11 Circuits, PA Polyamide Nylon, Gold (Au) Plating

Documents:

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

Agency Certification

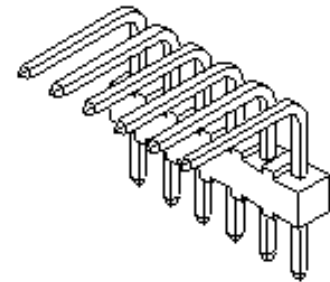
CSA LR19980
 UL E29179

General

Product Family PCB Headers
 Series 4094
 3D Viewer Yes
 Application Board-to-Board, Signal, Wire-to-Board
 CURRENT-MAX-NUMERIC 4.0
 Overview [KK® Interconnect System - Molex](#)
 PITCH-MATING-NUMERIC 2.54
 Product Name KK 254
 UPC 800753729032

Physical

Breakaway No
 Circuits (Loaded) 11
 Circuits (maximum) 11
 Color - Resin Natural (White)
 Durability (mating cycles max) 100
 Flammability 94V-0
 Glow-Wire Capable No
 Lock to Mating Part None
 Material - Metal Brass
 Material - Plating Mating Gold
 Material - Plating Termination Gold
 Material - Resin Nylon
 Net Weight 0.876/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
 Plating min - Mating 0.508µm
 Plating min - Termination 0.508µm
 Polarized to Mating Part No
 Polarized to PCB No
 Shrouded No
 Stackable Yes
 Surface Mount Compatible (SMC) No
 Temperature Range - Operating See Product Specification



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

Compliant

REACH SVHC

Not Contained Per -
 ED/71/2019 (16 July
 2019)

Halogen-Free

Status

Low-Halogen

For more information, please visit [Contact US](#)

China ROHS

ELV

RoHS Phthalates

Green Image

Not Relevant

Not Contained

Search Parts in this Series

[4094 Series](#)

Mates With

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

Termination Interface: Style Through Hole

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 A-4094-11A241

Reference - Drawing Numbers

Packaging Specification PK-4094-001-001

Product Specification PS-10-07-001

Sales Drawing SDA-4094-001

Symbol/Footprint Data SYM-22-05-2111

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