

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number: [0022052071](#)
Status: **Active**
Overview: [KK® Interconnect System - Molex](#)
Description: [KK® 254 Wire-to-Board Header, Single Row, Right Angle, 7 Circuits, PA Polyamide Nylon, Tin \(Sn\) Plating](#)

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 4094
 Application Board-to-Board, Signal, Wire-to-Board
 Overview [KK® Interconnect System - Molex](#)
 Product Name KK® 254
 UPC 800753739703

Physical

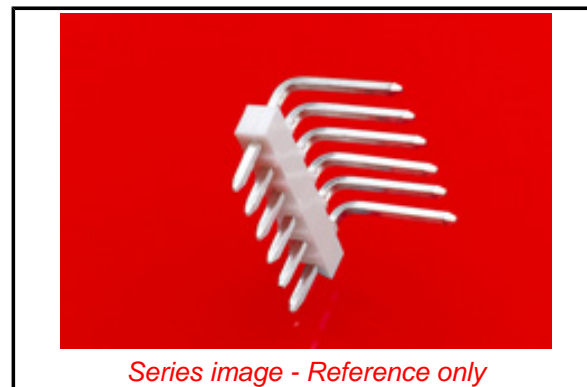
Breakaway No
 Circuits (Loaded) 7
 Circuits (maximum) 7
 Color - Resin Natural (White)
 Durability (mating cycles max) 25
 Flammability 94V-0
 Glow-Wire Compliant No
 Lock to Mating Part None
 Material - Metal Brass
 Material - Plating Mating Tin
 Material - Resin Nylon
 Net Weight 0.564/g
 Number of 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 250V

Solder Process Data

Duration at Max. Process Temperature (seconds) 005



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

Compliant

REACH SVHC

Contains SVHC(2014 December 17): No

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

ELV

Green Image

Not Relevant

Search Parts in this Series

[4094 Series](#)

Mates With

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

Lead-freeProcess Capability	WAVE
Max. Cycles at Max. Process Temperature	001
Process Temperature max. C	235

Material Info

Old Part Number	A-4094-07A197
-----------------	---------------

Reference - Drawing Numbers

Product Specification	PS-10-07
Sales Drawing	SDA-4094

This document was generated on 07/02/2015

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION