

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number: [22-05-2021](#)
Status: **Active**
Overview: [KK® Interconnect System - Molex](#)
Description: KK® 254 Wire-to-Board Header, Single Row, Right Angle, 2 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
 MolexKits Yes
 Overview [KK® Interconnect System - Molex](#)
 Product Name KK® 254
 UPC 800753591066

Physical

Breakaway No
 Circuits (Loaded) 2
 Circuits (maximum) 2
 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 - Plating Termination Tin
 Material - Resin Nylon
 Net Weight 0.163/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 5.080µm
 Plating min - Termination 5.080µm
 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

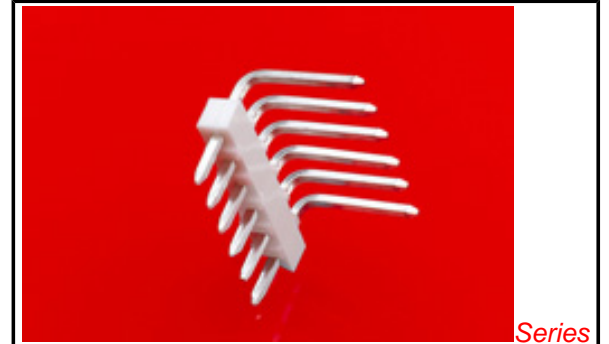


image - Reference only

Series

EU RoHS

ELV and RoHS Compliant
REACH SVHC Contains SVHC: No
Low-Halogen Status Low-Halogen

China RoHS



Need more information on product environmental compliance?

Email productcompliance@molex.com
 For a multiple part number RoHS Certificate of Compliance, [click here](#)

Please visit the [Contact Us](#) section for any non-product compliance questions.

Search Parts in this Series

4094Series

Mates With

2695 , 6471 , 7880 , 4455 , 7720

Electrical

Current - Maximum per Contact 4A
Voltage - Maximum 250V

Solder Process Data

Duration at Max. Process Temperature (seconds) 5
Lead-free Process Capability Wave Capable (TH only)
Max. Cycles at Max. Process Temperature 1
Process Temperature max. C 235

Material Info

Old Part Number A-4094-02A197

Reference - Drawing Numbers

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

This document was generated on 04/03/2014

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION