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**Part Number:** [0022052181](#)  
**Status:** **Obsolete**  
**Overview:** [kk](#)  
**Description:** 2.54mm (.100") Pitch KK® Wire-to-Board Header, Single Row, Right Angle, 18 Circuits, PA Polyamide Nylon, Tin (Sn) Plating

**Documents:**  
[Drawing \(PDF\)](#)

**Agency Certification**

CSA LR19980  
 UL E29179

**General**

Product Family PCB Headers  
 Series [4094](#)  
 Application Board-to-Board, Signal, Wire-to-Board  
 Overview [kk](#)  
 Product Name KK®

**Physical**

Breakaway No  
 Circuits (Loaded) 18  
 Circuits (maximum) 18  
 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  
 Number of Rows 1  
 Orientation Right Angle  
 PC Tail Length 3.15mm (.124")  
 PCB Locator No  
 PCB Retention None  
 PCB Thickness - Recommended 1.60mm (.063")  
 Packaging Type Bag  
 Pitch - Mating Interface 2.54mm (.100")  
 Polarized to Mating Part No  
 Polarized to PCB No  
 Shrouded No  
 Stackable Yes  
 Surface Mount Compatible (SMC) No  
 Temperature Range - Operating 0°C to +75°C  
 Termination Interface: Style Through Hole

**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

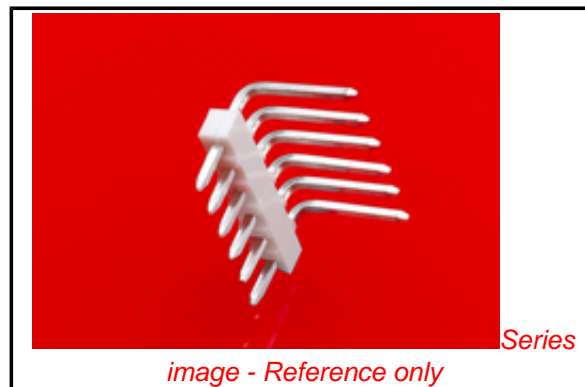


image - Reference only

**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](mailto: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

**Material Info**

Old Part Number

A-4094-18A102

**Reference - Drawing Numbers**

Product Specification

PS-10-07

Sales Drawing

SDA-4094

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