

**PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION**

**Part Number:** [0010181037](#)  
**Status:** **Active**  
**Overview:** Standard .093" Pin and Socket Connectors  
**Description:** 2.36mm Diameter Standard .093" Pin and Socket Header, Shrouded, 3 Circuits, 2 Female Terminals, 1 Male Terminal

**Documents:**

[3D Model](#) [Packaging Specification PK-3099-002-001 \(PDF\)](#)  
[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)  
[3D Model \(PDF\)](#)

**Agency Certification**

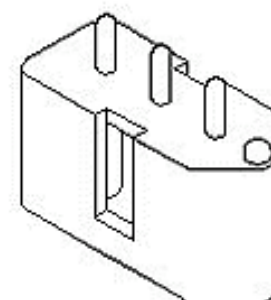
CSA LR19980  
 UL E29179

**General**

Product Family PCB Headers  
 Series [3099](#)  
 Application Power, Wire-to-Board  
 Comments Solder Type, Round Pin/Socket  
 Component Type PCB Header  
 Overview [Standard .093" Pin and Socket Connectors](#)  
 Product Name Standard .093"  
 Taxonomy PCB Headers and Receptacles  
 UPC 800754215244

**Physical**

Breakaway No  
 Circuits (Loaded) 3  
 Circuits (maximum) 3  
 Color - Resin Black  
 Durability (mating cycles max) 25  
 Flammability 94V-2  
 Glow-Wire Capable No  
 Lock to Mating Part Yes  
 Material - Metal Brass, Phosphor Bronze  
 Material - Plating Mating Tin  
 Material - Plating Termination Tin  
 Material - Resin Polyester  
 Net Weight 1.322/g  
 Number of Rows 1  
 Orientation Vertical  
 PC Tail Length 4.32mm  
 PCB Locator Yes  
 PCB Retention None  
 PCB Thickness - Recommended 1.60mm  
 Packaging Type Bag  
 Pitch - Mating Interface 5.03mm  
 Plating min - Mating 1.270µm, 5.080µm  
 Plating min - Termination 1.270µm, 5.080µm  
 Polarized to Mating Part Yes  
 Polarized to PCB Yes  
 Shrouded Fully  
 Stackable No  
 Surface Mount Compatible (SMC) No  
 Temperature Range - Operating -40° to +105°C  
 Termination Interface: Style Through Hole



Series image - Reference only

**EU ELV**

**Not Relevant**

**EU RoHS**

**Compliant**  
**REACH SVHC**

Not Contained Per -  
 D(2022)4187-DC (10  
 June 2022)

**Halogen-Free**

**Status**

**Not 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**

[3099 Series](#)

**Mates With**

[03091081](#) , [03091032](#)

**Electrical**

Current - Maximum per Contact	5.0A
Voltage - Maximum	250V

**Solder Process Data**

Duration at Max. Process Temperature (seconds)	005
Lead-free Process Capability	WAVE
Max. Cycles at Max. Process Temperature	001
Process Temperature max. C	235

**Material Info**

Engineering Number	3099P3H
--------------------	---------

**Reference - Drawing Numbers**

Packaging Specification	PK-3099-002-001
Sales Drawing	SDA-3099-X3XX-001

This document was generated on 12/29/2022

**PLEASE CHECK [WWW.MOLEX.COM](http://WWW.MOLEX.COM) FOR LATEST PART INFORMATION**