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**Part Number:** [0010181122](#)  
**Status:** **Active**  
**Overview:** Standard .093" Pin and Socket Connectors  
**Description:** 2.36mm Diameter Standard .093" Pin and Socket Header, 3 Rows, Shrouded, Unfilled Polyester, UL 94V-0, 12 Circuits, 12 Female Terminals

**Documents:**

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

**Agency Certification**

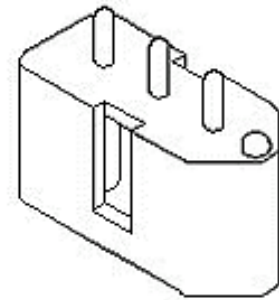
CSA LR19980  
 UL E29179

**General**

Product Family PCB Headers  
 Series 3099  
 Application Power, Wire-to-Board  
 Comments Solder Type|Round Socket  
 Overview [Standard .093" Pin and Socket Connectors](#)  
 Product Name Standard .093"  
 UPC 756054867464

**Physical**

Breakaway No  
 Circuits (Loaded) 12  
 Circuits (maximum) 12  
 Circuits Detail 12 Female Socket Contacts  
 Color - Resin Black  
 Durability (mating cycles max) 25  
 First Mate / Last Break No  
 Flammability 94V-2  
 Glow-Wire Compliant No  
 Guide to Mating Part No  
 Keying to Mating Part None  
 Lock to Mating Part Yes  
 Material - Metal Phosphor Bronze  
 Material - Plating Mating Tin  
 Material - Plating Termination Tin  
 Material - Resin Polyester  
 Net Weight 4.560/g  
 Number of Rows 3  
 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  
 Plating min - Termination 1.270µm  
 Polarized to Mating Part Yes  
 Polarized to PCB Yes  
 Shrouded Fully  
 Stackable No  
 Surface Mount Compatible (SMC) No  
 Temperature Range - Operating -40°C to +105°C



Series image - Reference only

**EU ELV**

**Not Reviewed**

**EU RoHS**

**Not Reviewed**

**REACH SVHC**

Not Reviewed

**Halogen-Free**

**Status**

**Not Reviewed**

**Need more information on product environmental compliance?**

Email [productcompliance@molex.com](mailto:productcompliance@molex.com)  
 Please visit the [Contact Us](#) section for any non-product compliance questions.

China ROHS Not Reviewed  
 ELV Not Reviewed  
 RoHS Phthalates Not Reviewed

**Search Parts in this Series**

[3099 Series](#)

**Mates With**

[03-09-1125](#) , [03-09-1126](#)

Termination Interface: Style Through Hole

**Electrical**

Current - Maximum per Contact 5.0A

Voltage - Maximum 250V

**Material Info**

Engineering Number A30991203

**Reference - Drawing Numbers**

Packaging Specification PK-3099-002-001

Sales Drawing SDA-3099-12\*\*

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