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**Part Number:** [0010181040](#)  
**Status:** **Active**  
**Overview:** [Standard .093" Pin and Socket Connectors](#)  
**Description:** 2.36mm Diameter Standard .093" Pin and Socket Header, Shrouded, 4 Circuits, 1 Female Terminal, 1 Male Terminal, 2 Blank Positions

**Documents:**

|                                |                                                               |
|--------------------------------|---------------------------------------------------------------|
| <a href="#">3D Model (PDF)</a> | <a href="#">Packaging Specification PK-3099-002-001 (PDF)</a> |
| <a href="#">Drawing (PDF)</a>  | <a href="#">RoHS Certificate of Compliance (PDF)</a>          |
| <a href="#">3D Model</a>       |                                                               |

**Agency Certification**

|     |         |
|-----|---------|
| CSA | LR19980 |
| UL  | E29179  |

**General**

|                |                                                          |
|----------------|----------------------------------------------------------|
| Product Family | PCB Headers                                              |
| Series         | <a href="#">3099</a>                                     |
| Application    | Power, Wire-to-Board                                     |
| Comments       | Solder Type Round Pin/Socket                             |
| Overview       | <a href="#">Standard .093" Pin and Socket Connectors</a> |
| Product Name   | Standard .093"                                           |
| UPC            | 800754984812                                             |

**Physical**

|                                |                        |
|--------------------------------|------------------------|
| Breakaway                      | No                     |
| Circuits (Loaded)              | 2                      |
| Circuits (maximum)             | 4                      |
| 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                     | 1.641/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           |

**Electrical**



Series image - Reference only

**EU ELV**

**Not Relevant**

**EU RoHS**

**Compliant**

**REACH SVHC**

Not Contained Per -  
D(2021)4569-DC (8  
July 2021)

**Halogen-Free**

**Status**

**Not Low-Halogen**

For more information, please visit [Contact US](#)

**China RoHS**

|                 |               |
|-----------------|---------------|
| China ROHS      | Green Image   |
| ELV             | Not Relevant  |
| RoHS Phthalates | Not Contained |

**Search Parts in this Series**

[3099 Series](#)

**Mates With**

[03091041](#) , [03091042](#)

Current - Maximum per Contact5.0A

Voltage - Maximum250V

**Material Info**

**Reference - Drawing Numbers**

Packaging SpecificationPK-3099-002-001

Sales DrawingSDA-3099-X4XX-001

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