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Part Number:

0010181033

Status:

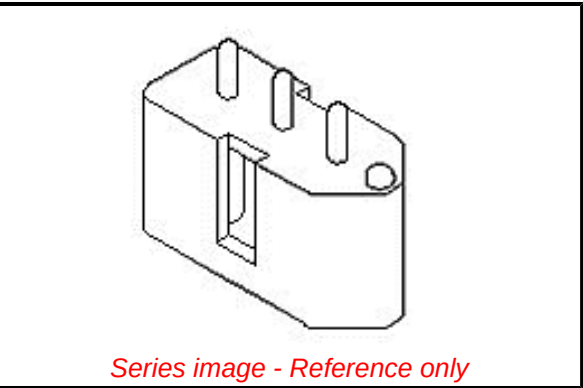
Active

Overview:

Standard .093" Pin and Socket Connectors

Description:

2.36mm Diameter Standard .093" Pin and Socket Header, Shrouded, 3 Circuits, 1 Female Terminal, 2 Male Terminals



Series image - Reference only

Documents:

3D Model

Drawing (PDF)

3D Model (PDF)

Packaging Specification PK-3099-002-001 (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 Pin/Socket            |
| Component Type                 | PCB Header                               |
| Overview                       | Standard .093" Pin and Socket Connectors |
| Product Name                   | Standard .093"                           |
| Taxonomy                       | PCB Headers and Receptacles              |
| UPC                            | 800753691384                             |
| 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                             |

EU ELV

Not Relevant

EU RoHS

Compliant

China RoHS

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

Green Image

ELV

Not Relevant

RoHS Phthalates

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**

|                                         |      |
|-----------------------------------------|------|
| Lead-freeProcess Capability             | WAVE |
| Max. Cycles at Max. Process Temperature | 003  |
| Process Temperature max. C              | 260  |

**Material Info**

|                    |          |
|--------------------|----------|
| Engineering Number | 3099P-3A |
|--------------------|----------|

**Reference - Drawing Numbers**

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

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