



Part Number : [10181042](#)
Product Description : 2.36mm Diameter
Standard .093" Pin and Socket Header,
Shrouded, 4 Circuits, 4 Female Terminals
Series Number : 3099
Status : Active
Product Category : PCB Headers and
Receptacles
Engineering Number : 3099P4A



Documents & Resources


Drawings
[010181042_sd.pdf](#)

3D Models and Design Files
[010181042_stp.zip](#)

Specifications
[PK-3099-002-001.pdf](#)

Product Environment Compliance

Compliance

| | |
|--------------------|---|
| GADSL/IMDS | Not Relevant |
| China RoHS |  |
| EU ELV | Not Relevant |
| Low-Halogen Status | Not Low-Halogen per IEC 61249-2-21 |
| REACH SVHC | Not Contained per D(2024)6225-DC (07 Nov 2024) |
| EU RoHS | Compliant per EU 2015/863 |

Multiple Part Product Compliance Statements

- Eu RoHS
- REACH SVHC
- Low-Halogen

Multiple Part Industry Compliance Documents

- IPC 1752A Class C
- IPC 1752A Class D
- Molex Product Compliance Declaration
- IEC-62474
- chemSHERPA (xml)

EU RoHS Certificate of Compliance

Part Details

General

| | |
|----------------|--|
| Status | Active |
| Category | PCB Headers and Receptacles |
| Series | 3099 |
| Description | 2.36mm Diameter Standard .093" Pin and Socket Header, Shrouded, 4 Circuits, 4 Female Terminals |
| Application | Power, Wire-to-Board |
| Comments | Solder Type, Round Socket |
| Component Type | PCB Header |
| Product Name | Standard .093" |
| UPC | 800754215480 |

Agency

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

Electrical

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

Physical

| | |
|--------------------------------|-------|
| Breakaway | No |
| Circuits (Loaded) | 4 |
| 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 |
| Packaging Type | Bag |
| PC Tail Length | 4.32mm |
| PCB Locator | Yes |
| PCB Retention | None |
| PCB Thickness - Recommended | 1.60mm |
| 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 |
| Temperature Range - Operating | -40° to +105°C |
| Termination Interface Style | Through Hole |

Mates With / Use With

Mates with Part(s)

| Description | Part Number |
|---|-------------|
| Standard .093" Pin and Socket Dual Row Connector Housings | <u>1261</u> |
| Standard .093" Pin and Socket 3 Row Connector Housings | <u>1292</u> |
| Standard .093" Pin and Socket 3 Row Connector Housings | <u>1360</u> |
| Standard .093" Pin and Socket 3 Row Connector Housings | <u>1375</u> |

| | |
|--|-------------|
| Standard .093" Pin and Socket Single Row Connector Housings | <u>1396</u> |
| Standard .093" Pin and Socket Single Row Connector Housings | <u>1490</u> |

This document was generated on Feb 01, 2025