



**Part Number :** 50291031

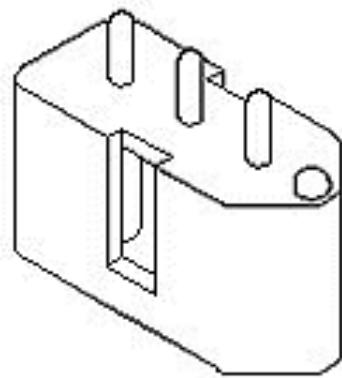
**Product Description :** 2.36mm Diameter Standard .093" Pin and Socket Header, Shrouded, 3 Circuits

**Series Number :** 3099

**Status :** Active

**Product Category :** PCB Headers and Receptacles

**Engineering Number :** 3099-03A1



---

## Documents & Resources

### Drawings

[Drawing 050291031\\_sd.pdf](#)

### 3D Models and Design Files

[3D Model 050291031\\_stp.zip](#)

---

## 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(2023)3788-DC (14 Jun 2023)
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, 3 Circuits
Application	Power, Wire-to-Board
Comments	Solder Type, Round Pin
Component Type	PCB Header
Product Family	Standard .093" Pin and Socket Connectors
Product Name	Standard .093"
UPC	800755008067

#### Agency

CSA	LR19980
UL	E29179

#### Electrical

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

#### Physical

Breakaway	No
Circuits (Loaded)	3
Circuits (maximum)	3
Color - Resin	Black
Durability (mating cycles max)	25
Flammability	94V-2

Glow-Wire Capable	No
Material - Plating Mating	Tin
Material - Plating Termination	Tin
Material - Resin	Polyester
Net Weight	0.848/g
Number of Rows	1
Orientation	Vertical
Packaging Type	Bag
PCB Locator	Yes
PCB Retention	None
PCB Thickness - Recommended	1.60mm
Pitch - Mating Interface	5.03mm
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>