



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

[STEP AP242](#)

[SOLIDWORKS](#)

[Creo](#)

[Symbol and Footprint \(Multi-Format\)](#)

Specifications

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

Product Environment Compliance

Compliance

GADSL/IMDS	Not Relevant
China RoHS	per SJ/T 11365-2006 
EU ELV	Not Relevant
Low-Halogen Status	Not Low-Halogen per IEC 61249-2-21
REACH SVHC	Not Contained per D(2025)4165-DC (25 June 2025)
EU RoHS	Compliant per EU 2015/863

[Compliance Statements](#)

- EU RoHS
- REACH SVHC
- Low-Halogen

Industry Documents

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

Substances of Interest

- PFAS

EU RoHS Certificate of Compliance

Additional Product Compliance Information

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
First Mate / Last Break	No
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
PCB Locator	Yes
PCB Retention	None
PCB Thickness - Recommended	1.60mm
PC Tail Length	4.32mm
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>