



**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

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### 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

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## 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>