



Part Number : [10181033](#)
Product Description : 2.36mm Diameter
Standard .093" Pin and Socket Header,
Shrouded, 3 Circuits, 1 Female Terminal, 2
Male Terminals
Series Number : 3099
Status : Active
Product Category : PCB Headers and
Receptacles
Engineering Number : 3099P-3A



Documents & Resources


Drawings
[010181033_sd.pdf](#)

3D Models and Design Files
[010181033_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, 3 Circuits, 1 Female Terminal, 2 Male Terminals
Application	Power, Wire-to-Board
Comments	Solder Type, Round Pin/Socket
Component Type	PCB Header
Product Name	Standard .093"
UPC	800753691384

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
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
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, 5.080µm
Plating min - Termination	1.270µm, 5.080µm
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

Solder Process Data

Lead-Free Process Capability	WAVE
Max-Cycle	3
Max-Temp	260

Mates With / Use With

Mates with Part(s)

Description	Part Number
-------------	-------------

2.36mm Diameter Standard .093" Pin and Socket Receptacle Housing, 3 Circuits, Single Row, Natural	<u>03091032</u>
2.36mm Diameter Standard .093" Pin and Socket Receptacle Housing, 3 Circuits, Single Row, Natural	<u>03091081</u>

This document was generated on Jan 16, 2025