



Part Number : 10181031

Series Number : 3099

Product Category : PCB Headers and Receptacles

Product Description : 2.36mm Diameter Standard .093" Pin and Socket Header, Shrouded, 3 Circuits, 1 Male Terminal, 1 Blank Position, 1 Male Terminal

Status : Active

Engineering Number : 3099P3

Documents & Resources

Drawings

Drawing 010181031_sd.pdf

3D Models and Design Files

3D Model 010181031_stp.zip

Specifications

Packaging Specification PK-3099-002-001.pdf

Product Environment Compliance

Compliance

GADSL/IMDS	Compliant with Exemption 44
China RoHS	
EU ELV	Not Relevant
Low-Halogen Status	Not Low-Halogen per IEC 61249-2-21
REACH SVHC	Not Contained per D(2024)4144-DC (27 June 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 Male Terminal, 1 Blank Position, 1 Male Terminal
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	800754214964

Agency

CSA	LR19980
UL	E29179

Electrical

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

Physical

Breakaway	No
Circuits (Loaded)	2
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	1.223/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	5.080µm
Plating min - Termination	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

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>

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