Part Number : 10181090
Product Description : 2.36mm Diameter Standard .093" Pin and Socket Header, Shrouded, 9 Circuits, 9 Male Terminals
Series Number : 3099
Status : Active
Product Category : PCB Headers and Receptacles
Engineering Number : A30990901



Documents & Resources

Drawings
Drawing_010181090_sd.pdf

3D Models and Design Files
3D Model_010181090_stp.zip

Specifications
Packaging Specification_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(2023)8585-DC (23 Jan 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, 9 Circuits, 9 Male Terminals
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	800754215701

Agency

CSA	LR19980
UL	E29179

Electrical

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

Physical

Breakaway	No
Circuits (Loaded)	9
Circuits (maximum)	9
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	4.141/g
Number of Rows	3
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 Housings, 9 Circuits, 3 Rows, Natural	0003091091

2.36mm Diameter Standard .093" Pin and Socket Receptacle Housings, 9 Circuits, 3 Rows, Natural	0003091094

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