



Part Number : 03091049

Series Number : 2163

Product Category : Connector Housings

Product Description : 2.36mm Diameter
Standard .093" Pin and Socket Receptacle
Housing, 4 Circuits, Dual Row, without
Mounting Ears, Natural

Status : Active

Engineering Number : 2163-R1

Documents & Resources

Drawings

Drawing 003091049_sd.pdf

3D Models and Design Files

3D Model 003091049_stp.zip

Specifications


Packaging Specification PK-2163-001-001.pdf

Product Specification PS-02-09-001.pdf

Product Specification PS-43660-9999-001.pdf

Product Environment Compliance

Compliance

GADSL/IMDS	Not Relevant
China RoHS	
EU ELV	Not Relevant
Low-Halogen Status	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	Connector Housings
Series	2163
Description	2.36mm Diameter Standard .093" Pin and Socket Receptacle Housing, 4 Circuits, Dual Row, without Mounting Ears, Natural
Application	Power, Wire-to-Wire
Comments	14.0A max. can be achieved when housing is used with 42477 or 42478 terminals
Product Family	Standard .093" Pin and Socket Connectors
Product Name	Standard .093"
UPC	800753615106

Agency

CSA	LR19980
UL	E29179

Physical

Circuits Detail	2x2
Circuits (maximum)	4
Color - Resin	Natural
Flammability	94V-2
Gender	Receptacle
Glow-Wire Capable	No
Lock to Mating Part	Yes
Material - Resin	Nylon
Net Weight	1.911/g
Number of Rows	2

Packaging Type	Bag
Panel Mount	No
Pitch - Mating Interface	5.03mm
Pitch - Termination Interface	5.03mm
Polarized to Mating Part	Yes
Stackable	No
Temperature Range - Operating	-40° to +105°C

Solder Process Data

Lead-Free Process Capability	N/A
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Mates With / Use With

Mates with Part(s)

Description	Part Number
2.36mm Diameter Standard .093" Pin and Socket Plug Housing, 4 Circuits, Dual Row, without Mounting Ears, Natural	<u>03092049</u>

Use with Part(s)

Description	Part Number
Standard .093" Pin and Socket Female Crimp Terminals	<u>1189</u>
Standard .093" Pin and Socket Male Crimp Terminals	<u>1190</u>
Standard .093" Pin and Socket Male Crimp Terminals	<u>1380</u>
Standard .093" Pin and Socket Female Crimp Terminals	<u>1381</u>
Standard .093" Pin and Socket Male Crimp Terminal	<u>1434</u>
Standard .093" Pin and Socket Male Crimp Grounding Terminals	<u>1973</u>
Standard .093" Pin and Socket Female Crimp Terminal	<u>4550</u>
