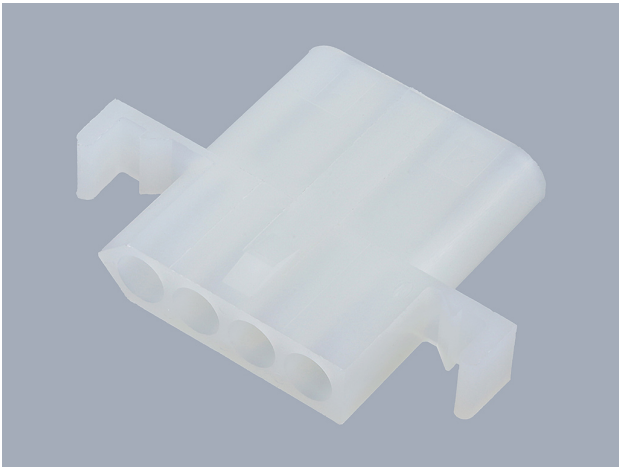




Part Number : [03091041](#)
Product Description : 2.36mm Diameter
Standard .093" Pin and Socket Receptacle
Housing, 4 Circuits, Single Row, Natural
Series Number : 1490
Status : Active
Product Category : Connector Housings
Engineering Number : 1490-R



Documents & Resources

Drawings

[Drawing 003091041_sd.pdf](#)
[Packaging Design Drawing PK-1490-001-001.pdf](#)

3D Models and Design Files


[3D Model 003091041_stp.zip](#)

Specifications

[Product Specification PS-02-09-001.pdf](#)
[Product Specification PS-42477-001.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(2023)3788-DC (14 Jun 2023)
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	1490
Description	2.36mm Diameter Standard .093" Pin and Socket Receptacle Housing, 4 Circuits, Single Row, 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	800753618954

Agency

CSA	LR19980
UL	E29179

Physical

Circuits Detail	(1 x 4)
Circuits (maximum)	4
Color - Resin	Natural
Flammability	94V-2
Gender	Receptacle

Glow-Wire Capable	No
Material - Resin	Nylon
Net Weight	2.397/g
Number of Rows	1
Packaging Type	Bag
Panel Mount	Yes
Pitch - Mating Interface	5.03mm
Pitch - Termination Interface	5.03mm
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, Single Row	<u>0003092041</u>
Standard .093" Pin and Socket Vertical Headers	<u>3099</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>

This document was generated on Nov 08, 2023