



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

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## 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](#)

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## 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

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## 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>03092041</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>

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