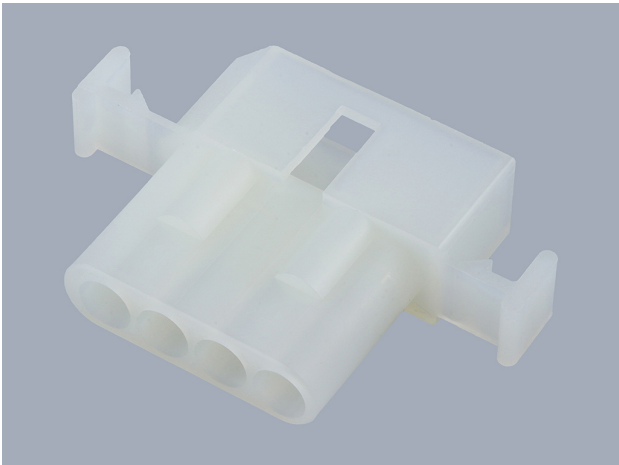# molex

Part Number : 03092041

Product Description : 2.36mm Diameter Standard .093" Pin and Socket Plug Housing, 4 Circuits, Single Row

Series Number : 1490

Status : Active

Product Category : Connector Housings

Engineering Number : 1490-P

Documents & Resources

Drawings

Drawing 003092041_sd.pdf

Packaging Design Drawing PK-1490-001-001.pdf

3D Models and Design Files

3D Model 003092041_stp.zip

Specifications

Product Specification PS-02-09-001.pdf

Product Specification PS-1490-001-001.pdf

Product Specification PS-1490-002-001.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(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	1490
Description	2.36mm Diameter Standard .093" Pin and Socket Plug Housing, 4 Circuits, Single Row
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	800753618862

Agency

CSA	LR19980
UL	E29179

Physical

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

Glow-Wire Capable	No
Material - Resin	Nylon
Net Weight	2.360/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

Mates With / Use With

Mates with Part(s)

Description	Part Number
2.36mm Diameter Standard .093" Pin and Socket Receptacle Housing, 4 Circuits, Single Row, Natural	03091042

Use with Part(s)

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