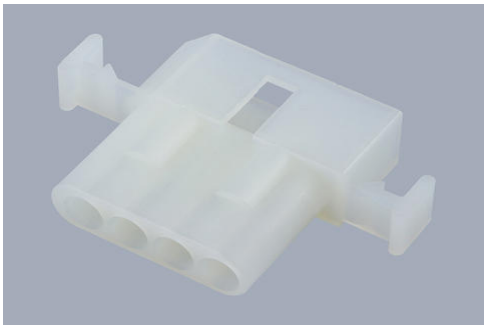


**Part Number :** 03092041
**Product Description :** 2.36mm Diameter Standard .093" Pin and Socket Plug Housing, 4 Circuits, Single Row
**Series Number :** 1490
**Status :** Active
**Product Category :** Connector Housings
**Engineering Part Number :** 1490-P

## Documents and Resources

### Drawings

003092041_sd.pdf

PK-1490-001-001.pdf

### 3D Models and Design Files

STEP AP242

SOLIDWORKS

Creo

### Specifications

PS-02-09-001.pdf

PS-1490-001-001.pdf

PS-1490-002-001.pdf

PS-42477-001.pdf

PS-43660-9999-001.pdf

## Product Environment Compliance

### Compliance

| | |
|---|---|
| GADSL/IMDS | Not Relevant |
| China RoHS | per SJ/T 11365-2006 |
| EU ELV | Not Relevant |
| Low-Halogen Status | Low-Halogen per IEC 61249-2-21 |
| REACH SVHC | Not Contained per D(2025)7771-DC (04 Feb 2026) |
| EU RoHS | Compliant per EU 2015/863 |

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Compliance Statements

- EU RoHS
- REACH SVHC
- Low-Halogen

Industry Documents

- IPC 1752A Class C
- IPC 1752A Class D
- Molex Product Compliance Declaration
- IEC-62474
- chemSHERPA (xml)

Substances of Interest

- PFAS

EU RoHS Certificate of Compliance

Additional Product Compliance Information

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## 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 | Wire-to-Wire |
| Comments | 14.0A max. can be achieved when housing is used with 42477 or 42478 terminals |
| Component Type | Plug |
| Product Name | Standard .093" |
| UPC | 800753618862 |

### Agency

| | |
|---|---|
| CSA | LR19980 |
| UL | E29179 |

### Physical

| | |
|---|---|
| Circuits Detail | (1 x 4) |
| Circuits (maximum) | 4 |

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| | |
|---|---|
| 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 |

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| | |
|---|---|
| Standard .093" Pin and Socket Female Crimp Terminal | 4550 |



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