

**Part Number :** 03091027
**Product Description :** 2.36mm Diameter Standard .093" Pin and Socket Receptacle Housing, 2 Circuits, with Pre-bent Mounting Ears, with Ramps, Natural
**Series Number :** 1545
**Status :** Active
**Product Category :** Connector Housings
**Engineering Part Number :** 1545-R3

## Documents and Resources

### Drawings

003091027_sd.pdf

### 3D Models and Design Files

STEP AP242

SOLIDWORKS

Creo

### Specifications

PK-1545-001-001.pdf

PS-02-09-001.pdf

PS-43660-9999-001.pdf

## Product Environment Compliance

### Compliance

| | |
|---|---|
| GADSL/IMDS | Not Relevant |
| China RoHS | per SJ/T 11365-2006 |
| EU ELV | Compliant per 2000/53/EC |
| 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 | 1545 |
| Description | 2.36mm Diameter Standard .093" Pin and Socket Receptacle Housing, 2 Circuits, with Pre-bent Mounting Ears, with Ramps, Natural |
| Application | Power, Wire-to-Wire |
| Comments | Polarized to Mating Part, 17.0A max. can be achieved when housing is used with 42477 or 42478 terminals |
| Product Name | Standard .093" |
| UPC | 800753615052 |

### Agency

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

### Physical

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| | |
|---|---|
| Circuits Detail | 1x2 |
| Circuits (maximum) | 2 |
| Color - Resin | Natural |
| Flammability | 94V-2 |
| Gender | Receptacle |
| Glow-Wire Capable | No |
| Keying to Mating Part | No |
| Lock to Mating Part | Yes |
| Material - Resin | Nylon |
| Net Weight | 1.720/g |
| Number of Rows | 1 |
| Packaging Type | Bag |
| Panel Mount | Yes |
| Pitch - Mating Interface | 6.30mm |
| Pitch - Termination Interface | 6.30mm |
| 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, 2 Circuits, without Mounting Ears, Natural | 03092022 |
| 2.36mm Diameter Standard .093" Pin and Socket Plug Housing, 2 Circuits, without Mounting Ears, Black | 03097022 |
| 2.36mm Diameter Standard .093" Pin and Socket Plug Housing, 2 Circuits, without Mounting Ears, Red | 03097024 |

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**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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