



**Part Number :** [03091022](#)

**Product Description :** 2.36mm Diameter Standard .093" Pin and Socket Receptacle Housing, 2 Circuits, without Mounting Ears, with Ramps, Natural

**Series Number :** 1545

**Status :** Active

**Product Category :** Connector Housings

**Engineering Part Number :** 1545-R1



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## Documents and Resources

### Drawings

[003091022\\_sd.pdf](#)

### 3D Models and Design Files

[STEP AP242](#)

[SOLIDWORKS](#)

[Creo](#)

### Specifications

[PK-1545-001-001.pdf](#)

[PS-02-09-001.pdf](#)


[PS-42477-001.pdf](#)

[PS-43660-9999-001.pdf](#)

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## 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)6375-DC (05 Nov 2025)
EU RoHS	Compliant per EU 2015/863

## 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, without Mounting Ears, with Ramps, Natural
Application	Power, Wire-to-Wire
Comments	Glow Wire Equivalent Part Number 50361685; Polarized to Mating Part, 17.0A max. can be achieved when housing is used with 42477 or 42478 terminals
Product Name	Standard .093"
UPC	800753615045

### Agency

CSA	LR19980
UL	E29179

### Physical

Circuits Detail	1x2
Circuits (maximum)	2
Color - Resin	Natural
Flammability	94V-2
Gender	Receptacle
Glow-Wire Capable	No
Keying to Mating Part	None
Lock to Mating Part	Yes
Material - Resin	Nylon
Net Weight	1.499/g
Number of Rows	1
Packaging Type	Bag
Panel Mount	No
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, with Standard Mounting Ears, Natural	<u><a href="#">03092021</a></u>
2.36mm Diameter Standard .093" Pin and Socket Plug Housing, 2 Circuits, without Mounting Ears, Natural	<u><a href="#">03092022</a></u>
2.36mm Diameter Standard .093" Pin and Socket Plug Housing, 2 Circuits, without Mounting Ears, Black	<u><a href="#">03097022</a></u>

2.36mm Diameter Standard .093" Pin and Socket Plug Housing, 2 Circuits, without Mounting Ears, Red	<u>03097024</u>
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**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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This document was generated on Jan 23, 2026