



Part Number : [03091011](#)
Product Description : 2.36mm Diameter
Standard .093" Pin and Socket Receptacle Housing, 1
Circuit, Friction Lock, Natural
Series Number : 1619
Status : Active
Product Category : Connector Housings
Engineering Number : 1619-1R1B5N1A5



Documents & Resources

Drawings

[003091011_sd.pdf](#)

3D Models and Design Files

[STEP AP242](#)

[SOLIDWORKS](#)

[Creo](#)

Specifications

[16190000-PK.pdf](#)


[PS-02-09-001.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)4165-DC (25 June 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

Part Details

General

| | |
|--------------|---|
| Status | Active |
| Category | Connector Housings |
| Series | 1619 |
| Description | 2.36mm Diameter Standard .093" Pin and Socket Receptacle Housing, 1 Circuit, Friction Lock, Natural |
| Application | Power, Wire-to-Wire |
| Comments | 17.0A max. can be achieved when housing is used with 42477 or 42478 terminals |
| Product Name | Standard .093" |
| UPC | 800753615021 |

Agency

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

Physical

| | |
|--------------------|---------|
| Circuits (maximum) | 1 |
| Color - Resin | Natural |
| Flammability | 94V-2 |

| | |
|-------------------------------|----------------|
| Gender | Receptacle |
| Glow-Wire Capable | No |
| Material - Resin | Nylon |
| Net Weight | 0.455/g |
| Number of Rows | 1 |
| Packaging Type | Bag |
| Panel Mount | No |
| 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 |
|------------------------------|-----|

Mates With / Use With

Mates with Part(s)

| Description | Part Number |
|---|-----------------|
| 2.36mm Diameter Standard .093" Pin and Socket Plug Housing, 1 Circuit, Friction Lock, Natural | <u>03092011</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> |

| | |
|--|-------------|
| Standard .093" Pin and Socket Female Crimp Terminal | <u>4550</u> |
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