



**Part Number :** [03062042](#)  
**Product Description :** 1.57mm Diameter  
Standard .062" Pin and Socket Plug Housing, 4 Circuits,  
without Mounting Ears, Natural  
**Series Number :** 1625  
**Status :** Active  
**Product Category :** Connector Housings  
**Engineering Part Number :** 1625-4P1



## Documents & Resources

### Drawings

[003062042\\_sd.pdf](#)

### 3D Models and Design Files

[STEP AP242](#)

[SOLIDWORKS](#)

[Creo](#)

### Specifications

[PK-1625-003-001.pdf](#)

[PS-02-06-001.pdf](#)

## Product Environment Compliance

### Compliance

|                    |                                                                                                              |
|--------------------|--------------------------------------------------------------------------------------------------------------|
| GADSL/IMDS         | Not Relevant                                                                                                 |
| China RoHS         | <br>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<br>(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       | 1625                                                                                                   |
| Description  | 1.57mm Diameter Standard .062" Pin and Socket Plug Housing, 4 Circuits, without Mounting Ears, Natural |
| Application  | Power, Wire-to-Wire                                                                                    |
| Comments     | Polarized to Mating Part                                                                               |
| Product Name | Standard .062"                                                                                         |
| UPC          | 191128081634                                                                                           |

### Agency

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

### Physical

|                    |         |
|--------------------|---------|
| Breakaway          | No      |
| Circuits Detail    | 1x4     |
| Circuits (maximum) | 4       |
| Color - Resin      | Natural |
| Flammability       | 94V-2   |

|                               |                |
|-------------------------------|----------------|
| Gender                        | Plug           |
| Glow-Wire Capable             | No             |
| Keying to Mating Part         | None           |
| Lock to Mating Part           | Yes            |
| Material - Resin              | Nylon          |
| Net Weight                    | 1.173/g        |
| Number of Rows                | 1              |
| Packaging Type                | Bag            |
| Panel Mount                   | No             |
| Pitch - Mating Interface      | 3.68mm         |
| Pitch - Termination Interface | 3.68mm         |
| Polarized to Mating Part      | Yes            |
| 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                     |
|--------------------------------------------------------------------------------------------------------------------|---------------------------------|
| 1.57mm Diameter Standard .062" Pin and Socket Receptacle Housing, 4 Circuits, with Standard Mounting Ears          | <a href="#"><u>03061041</u></a> |
| 1.57mm Diameter Standard .062" Pin and Socket Receptacle Housing, 4 Circuits, without Mounting Ears, Natural       | <a href="#"><u>03061042</u></a> |
| 1.57mm Diameter Standard .062" Pin and Socket Receptacle Housing, 4 Circuits, with Pre-bent Mounting Ears, Natural | <a href="#"><u>50291758</u></a> |

##### Use with Part(s)

| Description | Part Number |
|-------------|-------------|
|             |             |

|                                                           |             |
|-----------------------------------------------------------|-------------|
| Standard .062" Pin and Socket<br>Female Crimp Terminals   | <u>1561</u> |
| Standard .062" Pin and Socket<br>Female Crimp Terminals   | <u>1855</u> |
| Standard .062" Pin and Socket Male<br>Crimp Terminals     | <u>1560</u> |
| Standard .062" Pin and Socket Male<br>Crimp Terminals     | <u>1854</u> |
| Standard .062" Pin and Socket Male<br>PC Tail Terminals   | <u>1778</u> |
| Standard .062" Pin and Socket<br>Female PC Tail Terminals | <u>1779</u> |