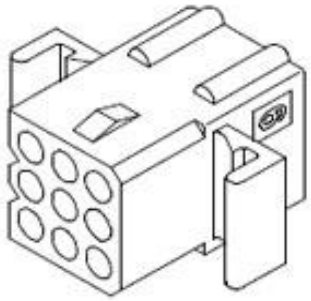


**Part Number :** 50361871
**Product Description :** 1.57mm Diameter Standard .062" Pin and Socket Receptacle Housing, 9 Circuits, with Pre-bent Mounting Ears, Natural
**Series Number :** 1625
**Status :** Active
**Product Category :** Connector Housings
**Engineering Part Number :** 1625-9R4

## Documents and Resources

### Drawings

050361871_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 | 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 |

Compliance Statements

- EU RoHS
- REACH SVHC
- Low-Halogen

Industry Documents

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- 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 | 1625 |
| Description | 1.57mm Diameter Standard .062" Pin and Socket Receptacle Housing, 9 Circuits, with Pre-bent Mounting Ears, Natural |
| Application | Wire-to-Wire |
| Comments | Glow Wire Equivalent Part Number 50362281; Polarized to Mating Part |
| Component Type | Receptacle |
| Product Name | Standard .062" |
| UPC | 800756734651 |

### Agency

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

### Physical

| | |
|---|---|
| Circuits Detail | 3x3 |
| Circuits (maximum) | 9 |
| Color - Resin | Natural |
| Flammability | 94V-2 |
| Gender | Receptacle |

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| | |
|---|---|
| Glow-Wire Capable | No |
| Keying to Mating Part | No |
| Lock to Mating Part | Yes |
| Material - Resin | Nylon |
| Net Weight | 2.520/g |
| Number of Rows | 3 |
| Packaging Type | Bag |
| Panel Mount | Yes |
| 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 Plug Housing, 9 Circuits, without Mounting Ears, Natural | 03062092 |

### Use with Part(s)

| Description | Part Number |
|---|---|
| Standard .062" Pin and Socket Female Crimp Terminals | 1561 |
| Standard .062" Pin and Socket Female Crimp Terminals | 1855 |
| Standard .062" Pin and Socket Male Crimp Terminals | 1560 |
| Standard .062" Pin and Socket Male Crimp Terminals | 1854 |

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| | |
|---|---|
| Standard .062" Pin and Socket Male PC Tail Terminals | 1778 |
| Standard .062" Pin and Socket Female PC Tail Terminals | 1779 |



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