

PLEASE CHECK [WWW.MOLEX.COM](http://WWW.MOLEX.COM) FOR LATEST PART INFORMATION

**Part Number:** [0050362281](#)  
**Status:** **Active**  
**Overview:** [Standard .062"+ and Standard .062" Pin and Socket Connector Systems](#)  
**Description:** [1.57mm Diameter Standard .062" Pin and Socket Receptacle Housing, 9 Circuits, with Pre-bent Mounting Ears, Black, Glow-Wire Capable](#)

**Documents:**

|                                |                                                               |
|--------------------------------|---------------------------------------------------------------|
| <a href="#">3D Model</a>       | <a href="#">Product Specification PS-02-06-001 (PDF)</a>      |
| <a href="#">Drawing (PDF)</a>  | <a href="#">Packaging Specification PK-1625-003-001 (PDF)</a> |
| <a href="#">3D Model (PDF)</a> | <a href="#">RoHS Certificate of Compliance (PDF)</a>          |

**Agency Certification**

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

**General**

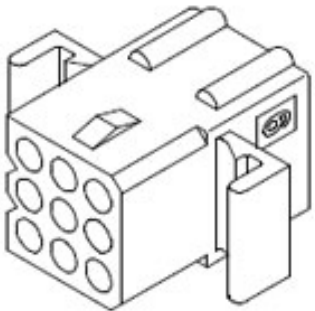
|                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
|----------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Product Family | Crimp Housings                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| Series         | <a href="#">1625</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| Application    | Power, Wire-to-Wire                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Comments       | This Molex product is manufactured from material that has the following ratings, tested by independent agencies :. a) A Glow Wire Ignition Temperature (GWIT) of at least 775 deg C per IEC 60695-2-13.. b) A Glow Wire Flammability Index (GWFI) above 850 deg C per IEC 60695-2-12.and hence complies with the requirements set out in the International Standard IEC 60335-1 5th edition - household and similar electrical appliances - safety; section 30 Resistance to heat and fire.<P><P>The customers using this product must determine its suitability for use in their particular application through testing or other acceptable means as described in end-product glow-wire flammability test standard IEC 60695-2-11 and any applicable product end-use standard(s).<P>If it is determined during the customer's evaluation of suitability, that higher performance is required, please contact Molex for possible product options. |

Overview [Standard .062"+ and Standard .062" Pin and Socket Connector Systems](#)

|              |                |
|--------------|----------------|
| Product Name | Standard .062" |
| UPC          | 883906186708   |

**Physical**

|                          |            |
|--------------------------|------------|
| Circuits (maximum)       | 9          |
| Circuits Detail          | 3x3        |
| Color - Resin            | Black      |
| Flammability             | 94V-0      |
| Gender                   | Receptacle |
| Glow-Wire Capable        | Yes        |
| Keying to Mating Part    | None       |
| 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     |



Series image - Reference only

**EU ELV**

**Not Relevant**

**EU RoHS**

**Compliant**

**REACH SVHC**

Not Contained Per -  
D(2021)4569-DC (8  
July 2021)

**Halogen-Free**

**Status**

**Not Low-Halogen**

For more information, please visit [Contact US](#)

**China RoHS**

|                 |               |
|-----------------|---------------|
| China ROHS      | Green Image   |
| ELV             | Not Relevant  |
| RoHS Phthalates | Not Contained |

**Search Parts in this Series**

[1625 Series](#)

**Mates With**

[50362279](#)

**Use With**

Female Crimp Terminals [1561](#) , [4559](#) , [4529](#) , [2190](#) , [2189](#) , [1787](#) , [1855](#) . Male Crimp Terminals [1560](#) , [1786](#) , [1854](#) . [1778](#) Male PC Tail Terminals. [1779](#) Female PC Tail Terminals

|                                    |                 |
|------------------------------------|-----------------|
| Pitch - Termination Interface      | 3.68mm          |
| Polarized to Mating Part           | Yes             |
| Stackable                          | No              |
| Temperature Range - Operating      | -40° to +105°C  |
| <b>Electrical</b>                  |                 |
| Current - Maximum per Contact      | 5.0A            |
| <b>Material Info</b>               |                 |
| Engineering Number                 | 1625-9R4-1      |
| <b>Reference - Drawing Numbers</b> |                 |
| Packaging Specification            | PK-1625-003-001 |
| Product Specification              | PS-02-06-001    |
| Sales Drawing                      | 16250901-SD-000 |

This document was generated on 08/27/2021

**PLEASE CHECK [WWW.MOLEX.COM](http://WWW.MOLEX.COM) FOR LATEST PART INFORMATION**

# Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

[Molex:](#)

[50-36-2281](#)