



Part Number : [03066023](#)

Product Description : 1.57mm Diameter Standard .062" Pin and Socket Receptacle Housing, 2 Circuits, without Mounting Ears, Black

Series Number : 1625

Status : Active

Product Category : Connector Housings

Engineering Part Number : 162502R1BK



Documents and Resources

Drawings

[003066023 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

- 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 Receptacle Housing, 2 Circuits, without Mounting Ears, Black
Application	Power, Wire-to-Wire
Comments	Polarized to Mating Part
Product Name	Standard .062"
UPC	800753615335

Agency

CSA	LR19980
UL	E29179

Physical

Circuits Detail	1x2
Circuits (maximum)	2
Color - Resin	Black
Flammability	94V-2
Gender	Receptacle

Glow-Wire Capable	No
Keying to Mating Part	No
Lock to Mating Part	Yes
Material - Resin	Nylon
Net Weight	0.699/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
------------------------------	-----

Mates With / Use With

Mates with Part(s)

Description	Part Number
1.57mm Diameter Standard .062" Pin and Socket Receptacle Housing, 2 Circuits, with Pre-bent Mounting Ears, Natural	03061022
1.57mm Diameter Standard .062" Pin and Socket Receptacle Housing, 2 Circuits, without Mounting Ears, Natural	03061023

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	1560

Male Crimp Terminals	
Standard .062" Pin and Socket Male Crimp Terminals	<u>1854</u>
Standard .062" Pin and Socket Male PC Tail Terminals	<u>1778</u>
Standard .062" Pin and Socket Female PC Tail Terminals	<u>1779</u>

This document was generated on Apr 23, 2026