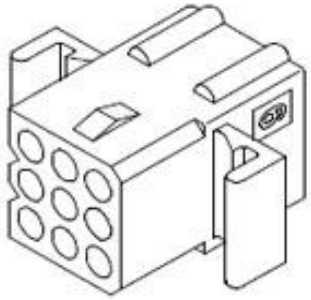
Part Number : 50362281
Product Description : 1.57mm Diameter Standard .062" Pin and Socket Receptacle Housing, 9 Circuits, with Pre-bent Mounting Ears, Black, Glow-Wire Capable
Series Number : 1625
Status : Active
Product Category : Connector Housings
Engineering Part Number : 1625-9R4-1



Documents and Resources

Drawings

050362281_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	Not Low-Halogen per IEC 61249-2-21
REACH SVHC	Contains 1,1'-(Ethane-1,2-diyl)bis[pentabromobenzene] per D(2025)7771-DC (04 Feb 2026)
EU RoHS	Compliant per EU 2015/863

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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, 9 Circuits, with Pre-bent Mounting Ears, Black, Glow-Wire Capable
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

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	heat and fire. 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). If it is determined during the customer's evaluation of suitability, that higher performance is required, please contact Molex for possible product options.
Product Name	Standard .062"
UPC	883906186708

Agency

CSA	LR19980
UL	E29179

Physical

Circuits Detail	3x3
Circuits (maximum)	9
Color - Resin	Black
Flammability	94V-0
Gender	Receptacle
Glow-Wire Capable	Yes
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

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Polarized to Mating Part	Yes
Stackable	No
Temperature Range - Operating	-40° to +105°C

Mates With / Use With

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

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