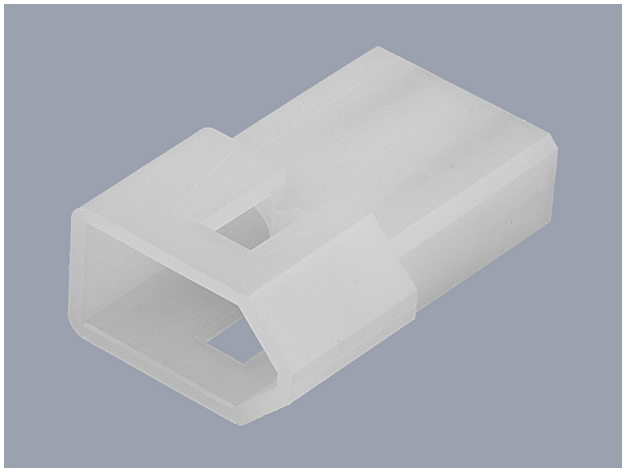
molex

Part Number : 03092022
Product Description : 2.36mm Diameter Standard .093" Pin and Socket Plug Housing, 2 Circuits, without Mounting Ears, Natural
Series Number : 1545
Status : Active
Product Category : Connector Housings
Engineering Number : 1545-P1



Documents & Resources

Drawings
003092022_sd.pdf

3D Models and Design Files
003092022_stp.zip

Specifications
PK-1545-001-001.pdf
PS-02-09-001.pdf
PS-43660-9999-001.pdf

Product Environment Compliance

Compliance

GADSL/IMDS	Not Relevant
China RoHS	e
EU ELV	Not Relevant
Low-Halogen Status	Low-Halogen per IEC 61249-2-21
REACH SVHC	Not Contained per D(2024)6225-DC (07 Nov 2024)
EU RoHS	Compliant per EU 2015/863

Multiple Part Product Compliance Statements
- Eu RoHS
- REACH SVHC

- Low-Halogen

Multiple Part Industry Compliance Documents

- IPC 1752A Class C
- IPC 1752A Class D
- Molex Product Compliance Declaration
- IEC-62474
- chemSHERPA (xml)

EU RoHS Certificate of Compliance

Part Details

General

Status	Active
Category	Connector Housings
Series	1545
Description	2.36mm Diameter Standard .093" Pin and Socket Plug Housing, 2 Circuits, without Mounting Ears, Natural
Application	Power, Wire-to-Wire
Comments	Glow Wire Equivalent Part Number 50361686; Polarized to Mating Part, 17.0A max. can be achieved when housing is used with 42477 or 42478 terminals
Product Name	Standard .093"
UPC	800753614819

Agency

CSA	LR19980
UL	E29179

Physical

Breakaway	No
Circuits Detail	1x2
Circuits (maximum)	2
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	1.449/g
Number of Rows	1
Packaging Type	Bag
Panel Mount	No
Pitch - Mating Interface	6.30mm
Pitch - Termination Interface	6.30mm
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
2.36mm Diameter Standard .093" Pin and Socket Receptacle Housing, 2 Circuits, without Mounting Ears, with Ramps, Natural	03091022
2.36mm Diameter Standard .093" Pin and Socket Receptacle Housing, 2 Circuits, with Pre-bent Mounting Ears, with Ramps, Natural	03091027
2.36mm Diameter Standard .093" Pin and Socket Receptacle Housing without Mounting Ears, Positive Lock, 2 Circuits	03091161
2.36mm Diameter Standard .093" Pin and Socket Receptacle Housing, 2 Circuits, with Pre-bent Mounting Ears, with Ramps, Black	03096021

Use with Part(s)

Description	Part Number
Standard .093" Pin and Socket Female Crimp Terminals	1189

Standard .093" Pin and Socket Male Crimp Terminals	1190
Standard .093" Pin and Socket Male Crimp Terminals	1380
Standard .093" Pin and Socket Female Crimp Terminals	1381
Standard .093" Pin and Socket Male Crimp Terminal	1434
Standard .093" Pin and Socket Male Crimp Grounding Terminals	1973