molex

Part Number : 03091022

Product Description : 2.36mm Diameter Standard .093" Pin and Socket Receptacle Housing, 2 Circuits, without Mounting Ears, with Ramps, Natural

Series Number : 1545

Status : Active

Product Category : Connector Housings

Engineering Number : 1545-R1

Documents & Resources

Drawings
Drawing_003091022_sd.pdf

3D Models and Design Files
3D Model_003091022_stp.zip

Specifications
Packaging Specification_PK-1545-001-001.pdf
Product Specification_PS-02-09-001.pdf
Product Specification_PS-43660-9999-001.pdf
Product Specification_PS-42477-001.pdf

Product Environment Compliance

Compliance

GADSL/IMDS	Not Relevant
China RoHS	♺
EU ELV	Not Relevant
Low-Halogen Status	Low-Halogen per IEC 61249-2-21
REACH SVHC	Not Contained per D(2023)8585-DC (23 Jan 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 Receptacle Housing, 2 Circuits, without Mounting Ears, with Ramps, Natural
Application	Power, Wire-to-Wire
Comments	Glow Wire Equivalent Part Number 50361685; Polarized to Mating Part, 17.0A max. can be achieved when housing is used with 42477 or 42478 terminals
Product Family	Standard .093" Pin and Socket Connectors
Product Name	Standard .093"
UPC	800753615045

Agency

CSA	LR19980
UL	E29179

Physical

Breakaway	No
Circuits Detail	1x2
Circuits (maximum)	2
Color - Resin	Natural
Flammability	94V-2
Gender	Receptacle
Glow-Wire Capable	No
Keying to Mating Part	None

Lock to Mating Part	Yes
Material - Resin	Nylon
Net Weight	1.499/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 Plug Housing, 2 Circuits, with Standard Mounting Ears, Natural	03092021
2.36mm Diameter Standard .093" Pin and Socket Plug Housing, 2 Circuits, without Mounting Ears, Natural	03092022
2.36mm Diameter Standard .093" Pin and Socket Plug Housing, 2 Circuits, without Mounting Ears, Black	03097022
2.36mm Diameter Standard .093" Pin and Socket Plug Housing, 2 Circuits, without Mounting Ears, Red	03097024

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

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