molex



Part Number : 513821400
Product Description : 2.00mm Pitch MicroClasp Wire-to-Board Receptacle Housing, Positive Lock, Single Row, 14 Circuits, White
Series Number : 51382
Status : Active
Product Category : Connector Housings

Documents and Resources

Drawings

513821400_sd.pdf

3D Models and Design Files

STEP AP242

SOLIDWORKS

Creo

513821400.dxf

Specifications

561340000-AS-000.pdf

513829200-200.pdf

SPK-51382-001-001.pdf

513820000-PS-001.pdf

PS-51382-004-001.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)6375-DC (05 Nov 2025)

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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	51382
Description	2.00mm Pitch MicroClasp Wire-to-Board Receptacle Housing, Positive Lock, Single Row, 14 Circuits, White
Application	Signal, Wire-to-Board
Product Name	MicroClasp
UPC	800756632360

Agency

UL	E29179

Physical

Circuits (maximum)	14
Color - Resin	White
Flammability	94V-0

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Gender	Receptacle
Glow-Wire Capable	No
Lock to Mating Part	Yes
Material - Resin	Nylon
Net Weight	642.400/mg
Number of Rows	1
Packaging Type	Bag
Panel Mount	No
Pitch - Mating Interface	2.00mm
Stackable	No
Temperature Range - Operating	-40° to +105°C

Mates With / Use With

Mates with Part(s)

Description	Part Number
MicroClasp Vertical Single Row Headers	55932
MicroClasp Right-Angle Single Row Headers	55935

Use with Part(s)

Description	Part Number
Pre-Crimped Lead MicroClasp Female-to-MicroClasp Female, Tin (Sn) Plating, 150.00mm Length, 24 AWG, Black	797581001
Pre-Crimped Lead MicroClasp Female-to-MicroClasp Female, Tin (Sn) Plating, 300.00mm Length, 24 AWG, Black	797581002
2.00mm Pitch, MicroClasp and MUO 2.5 Crimp Terminal, Female, 28-22 AWG, Copper Alloy, Reel	561349000
2.00mm Pitch, MicroClasp and MUO 2.5 Crimp Terminal, Female, 28-22 AWG, Copper Alloy, Bag	561349100
MicroClasp Terminal Position	500638

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Assurance (TPA) Retainers	

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