Part Number : 513821200
Product Description : MicroClasp Receptacle Housing, 2.00mm Pitch, Positive Lock, Single Row, 12 Circuits, White
Series Number : 51382
Status : Active
Product Category : Connector Housings



Documents and Resources

Drawings

513821200_sd.pdf

3D Models and Design Files

STEP AP242

SOLIDWORKS

Creo

513821200.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)7771-DC (04 Feb 2026)

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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	MicroClasp Receptacle Housing, 2.00mm Pitch, Positive Lock, Single Row, 12 Circuits, White
Application	Signal, Wire-to-Board
Product Name	MicroClasp
UPC	800756632346

Agency

UL	E29179

Physical

Circuits (maximum)	12
Color - Resin	White
Flammability	94V-0
Gender	Receptacle

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Glow-Wire Capable	No
Lock to Mating Part	Yes
Material - Resin	Nylon
Net Weight	565.200/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
MicroClasp 2.00mm Pitch and MUO 2.5 Crimp Terminal, Female, Tin (Sn) Plated, 28-22 AWG, Copper Alloy, Reel	561349000
MicroClasp 2.00mm Pitch and MUO 2.5 Crimp Terminal, Female, Tin (Sn) Plated, 28-22 AWG, Copper Alloy, Bag	561349100

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MicroClasp Terminal Position Assurance (TPA) Retainers	500638

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