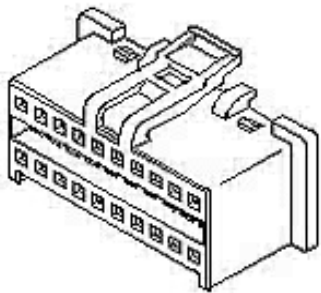




Part Number : [512422000](#)
Product Description : 2.00mm Pitch MicroClasp
Wire-to-Board Receptacle Housing, Positive Lock, Dual
Row, with Terminal Retainer Option, 20 Circuits,
Natural
Series Number : 51242
Status : Active
Product Category : Connector Housings



Documents & Resources

Drawings

[512422000 sd.pdf](#)

3D Models and Design Files

[STEP AP242](#)

[SOLIDWORKS](#)

[Creo](#)

Specifications


[561340000-AS-000.pdf](#)

[512429200-SPK-200.pdf](#)

[PS-51242-002-001.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	Not Contained per D(2025)4165-DC (25 June 2025)
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	51242
Description	2.00mm Pitch MicroClasp Wire-to-Board Receptacle Housing, Positive Lock, Dual Row, with Terminal Retainer Option, 20 Circuits, Natural
Application	Signal, Wire-to-Board
Product Name	MicroClasp
UPC	800756188676

Physical

Circuits (maximum)	20
Color - Resin	Natural
Gender	Receptacle
Glow-Wire Capable	No
Lock to Mating Part	Yes
Material - Resin	Nylon
Net Weight	1319.500/mg
Number of Rows	2

Packaging Type	Bag
Panel Mount	No
Pitch - Mating Interface	2.00mm
Stackable	No
Temperature Range - Operating	-25° to +85°C

Mates With / Use With

Mates with Part(s)

Description	Part Number
MicroClasp Vertical Dual Row Headers	<u>55763</u>

Use with Part(s)

Description	Part Number
Pre-Crimped Lead MicroClasp Female-to-MicroClasp Female, Tin (Sn) Plating, 150.00mm Length, 24 AWG, Black	<u>797581001</u>
Pre-Crimped Lead MicroClasp Female-to-MicroClasp Female, Tin (Sn) Plating, 300.00mm Length, 24 AWG, Black	<u>797581002</u>
MicroClasp Terminal Position Assurance (TPA) Retainers	<u>55767</u>
2.00mm Pitch Female Crimp Terminals	<u>56134</u>

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