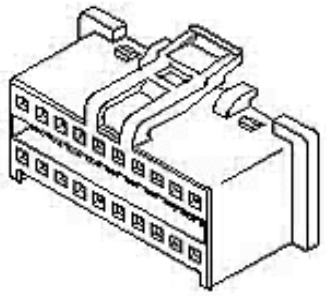
Part Number : 512424000
Product Description : MicroClasp Receptacle Housing, 2.00mm Pitch, Positive Lock, Dual Row, with Terminal Retainer Option, 40 circuits
Series Number : 51242
Status : Active
Product Category : Connector Housings



Documents and Resources

Drawings

512424000_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)7771-DC (04 Feb 2026)
EU RoHS	Compliant per EU 2015/863

Compliance Statements

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- 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	MicroClasp Receptacle Housing, 2.00mm Pitch, Positive Lock, Dual Row, with Terminal Retainer Option, 40 circuits
Application	Signal, Wire-to-Board
Product Name	MicroClasp
UPC	800756188690

Physical

Circuits (maximum)	40
Color - Resin	Natural
Gender	Receptacle
Glow-Wire Capable	No
Lock to Mating Part	Yes
Material - Resin	Nylon
Net Weight	2450.800/mg
Number of Rows	2
Packaging Type	Bag

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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	55763

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 Terminal Position Assurance (TPA) Retainers	55767

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