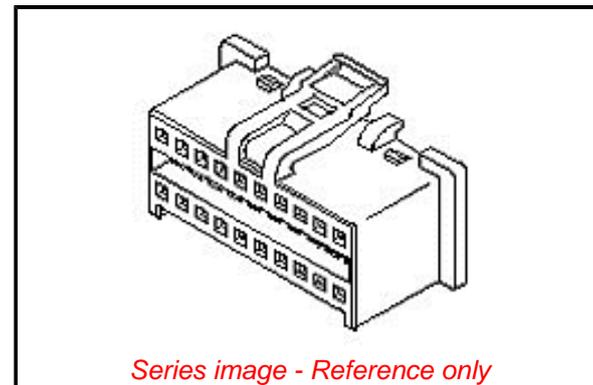


PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number: [0512424000](#)
Status: **Active**
Overview: [MicroClasp Wire-to-Board System](#)
Description: 2.00mm Pitch MicroClasp Wire-to-Board Receptacle Housing, Positive Lock, Dual Row, with Terminal Retainer Option, 40 circuits

Documents:

| | |
|--|--|
| 3D Model | Application Specification 561340000-AS-000 (PDF) |
| 3D Model (PDF) | Packaging Specification 512429200-SPK-200 (PDF) |
| Drawing (PDF) | RoHS Certificate of Compliance (PDF) |
| Product Specification PS-51242-002-001 (PDF) | |



General

| | |
|----------------|---|
| Product Family | Crimp Housings |
| Series | 51242 |
| Application | Signal, Wire-to-Board |
| Overview | MicroClasp Wire-to-Board System |
| Product Name | MicroClasp |
| Taxonomy | Connector Housings |
| 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 |
| Panel Mount | No |
| Pitch - Mating Interface | 2.00mm |
| Stackable | No |
| Temperature Range - Operating | -25° to +85°C |

Material Info

Reference - Drawing Numbers

| | |
|---------------------------|-------------------|
| Application Specification | 561340000-AS-000 |
| Packaging Specification | 512429200-SPK-200 |
| Product Specification | PS-51242-002-001 |
| Sales Drawing | SD-51242-002-001 |

EU ELV

Not Relevant

EU RoHS

Compliant

REACH SVHC

Not Contained Per -
D(2022)4187-DC (10
June 2022)

Halogen-Free

Status

Not Low-Halogen

For more information, please visit [Contact US](#)

China ROHS

ELV

RoHS Phthalates

China RoHS

Green Image

Not Relevant

Not Contained

Search Parts in this Series

[51242 Series](#)

Mates With

MicroClasp Header [55763](#)

Use With

MicroClasp TPA Retainer [55767](#)
 Crimp
Terminal [56134](#)
 MicroClasp Pre-
Crimped Leads [797581001](#) , [797581002](#)