**Part Number :** 512160900
**Product Description :** 2.00mm Pitch MicroTPA Receptacle Housing, Positive Lock, 9 Circuits, Natural
**Series Number :** 51216
**Status :** Active
**Product Category :** Connector Housings



## Documents & Resources

### Drawings

512160900_sd.pdf

### 3D Models and Design Files

STEP AP242

SOLIDWORKS

Creo

### Specifications

SPK-51216-001-001.pdf

PS-51216-006-001.pdf

PS-51216-007-001.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

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## Part Details

### General

| | |
|---|---|
| Status | Active |
| Category | Connector Housings |
| Series | 51216 |
| Description | 2.00mm Pitch MicroTPA Receptacle Housing, Positive Lock, 9 Circuits, Natural |
| Application | Signal, Wire-to-Board, Wire-to-Wire |
| Product Name | MicroTPA |
| UPC | 800754824408 |

### Agency

| | |
|---|---|
| CSA | LR19980 |
| UL | E29179 |

### Physical

| | |
|---|---|
| Circuits (maximum) | 9 |
| Color - Resin | Natural |
| Flammability | 94V-0 |
| Gender | Receptacle |
| Glow-Wire Capable | No |
| Lock to Mating Part | Yes |
| Material - Resin | Polyester |

| | |
|---|---|
| Net Weight | 416.700/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 |
|---|---|
| MicroTPA Plug Housings | 51227 |
| MicroTPA Vertical High Wall Type Headers | 55487 |
| MicroTPA Vertical Kinked PC Tail Headers | 55755 |

### Use with Part(s)

| Description | Part Number |
|---|---|
| 2.00mm Pitch MicroTPA Terminal Position Assurance (TPA) Retainer, 9 Circuits | 512170905 |
| 2.00mm Pitch Female Terminals | 59370 |