

**Part Number :** [512160700](#)

**Product Description :** 2.00mm Pitch MicroTPA Receptacle Housing, Positive Lock, 7 Circuits, Natural

**Series Number :** 51216

**Status :** Active

**Product Category :** Connector Housings



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## Documents and Resources

### Drawings

[512160700\\_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](#)

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## 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](#)

- 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       | 51216  |
| Description  | 2.00mm Pitch MicroTPA Receptacle Housing, Positive Lock, 7 Circuits, Natural |
| Application  | Signal, Wire-to-Board, Wire-to-Wire  |
| Product Name | MicroTPA   |
| UPC          | 800754824392   |

### Agency

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

### Physical

|                       |            |
|-----------------------|------------|
| Circuits (maximum)    | 7          |
| Color - Resin         | Natural    |
| Flammability          | 94V-0      |
| Gender                | Receptacle |
| Glow-Wire Capable     | No         |
| Keying to Mating Part | No         |

|                               |                |
|-------------------------------|----------------|
| Lock to Mating Part           | Yes            |
| Material - Resin              | Polyester      |
| Net Weight                    | 345.700/mg     |
| Number of Rows                | 1              |
| Packaging Type                | Bag            |
| Panel Mount                   | No             |
| Pitch - Mating Interface      | 2.00mm         |
| Pitch - Termination Interface | 2.00mm         |
| Stackable                     | No             |
| Temperature Range - Operating | -40° to +105°C |

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## Mates With / Use With

### Mates with Part(s)

| Description                              | Part Number  |
|--|--------------|
| MicroTPA Plug Housings                   | <u>51227</u> |
| MicroTPA Vertical High Wall Type Headers | <u>55487</u> |
| MicroTPA Vertical Kinked PC Tail Headers | <u>55755</u> |

### Use with Part(s)

| Description  | Part Number      |
|--|------------------|
| 2.00mm Pitch MicroTPA Terminal Position Assurance (TPA) Retainer, 7 Circuits | <u>512170705</u> |
| 2.00mm Pitch Female Terminals  | <u>59370</u>     |

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