

**Part Number :** [512161200](#)

**Product Description :** 2.00mm Pitch MicroTPA Receptacle Housing, Positive Lock, 12 Circuits, Natural

**Series Number :** 51216

**Status :** Active

**Product Category :** Connector Housings



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## Documents and Resources

### Drawings

[512161200\\_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, 12 Circuits, Natural
Application	Signal, Wire-to-Board, Wire-to-Wire
Product Name	MicroTPA
UPC	800754824446

### Agency

CSA	LR19980
UL	E29179

### Physical

Circuits (maximum)	12
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	523.100/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, 12 Circuits	<u>512171205</u>
2.00mm Pitch Female Terminals	<u>59370</u>

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