



**Part Number :** [512160600](#)  
**Product Description :** 2.00mm Pitch MicroTPA  
Receptacle Housing, Positive Lock, 6 Circuits,  
Natural  
**Series Number :** 51216  
**Status :** Active  
**Product Category :** Connector Housings



Documents & Resources


**Drawings**  
[512160600\\_sd.pdf](#)

**3D Models and Design Files**  
[512160600\\_stp.zip](#)

**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	
EU ELV	Not Relevant
Low-Halogen Status	Not Low-Halogen per IEC 61249-2-21
REACH SVHC	Not Contained per D(2024)7663-DC (21 Jan 2025)
EU RoHS	Compliant per EU 2015/863

- Multiple Part Product Compliance Statements
- Eu RoHS
  - REACH SVHC
  - Low-Halogen

- Multiple Part Industry Compliance Documents
- IPC 1752A Class C

- IPC 1752A Class D
- Molex Product Compliance Declaration
- IEC-62474
- chemSHERPA (xml)

## EU RoHS Certificate of Compliance

---

### Part Details

#### General

Status	Active
Category	Connector Housings
Series	51216
Description	2.00mm Pitch MicroTPA Receptacle Housing, Positive Lock, 6 Circuits, Natural
Application	Signal, Wire-to-Board, Wire-to-Wire
Product Name	MicroTPA
UPC	800754824385

#### Agency

CSA	LR19980
UL	E29179

#### Physical

Circuits (maximum)	6
Color - Resin	Natural
Flammability	94V-0
Gender	Receptacle
Glow-Wire Capable	No
Lock to Mating Part	Yes
Material - Resin	Polyester
Net Weight	310.200/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	<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, 6 Circuits	<u>512170605</u>
2.00mm Pitch Female Terminals	<u>59370</u>