

Part Number : [512161000](#)

Product Description : 2.00mm Pitch MicroTPA Receptacle Housing, Positive Lock, 10 Circuits, Natural

Series Number : 51216

Status : Active

Product Category : Connector Housings



Documents & Resources

Drawings

[512161000_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

Part Details

General

Status	Active
Category	Connector Housings
Series	51216
Description	2.00mm Pitch MicroTPA Receptacle Housing, Positive Lock, 10 Circuits, Natural
Application	Signal, Wire-to-Board, Wire-to-Wire
Product Name	MicroTPA
UPC	800754824422

Agency

CSA	LR19980
UL	E29179

Physical

Circuits (maximum)	10
Color - Resin	Natural
Flammability	94V-0
Gender	Receptacle
Glow-Wire Capable	No
Lock to Mating Part	Yes
Material - Resin	Polyester

Net Weight	452.100/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, 10 Circuits	<u>512171005</u>
2.00mm Pitch Female Terminals	<u>59370</u>