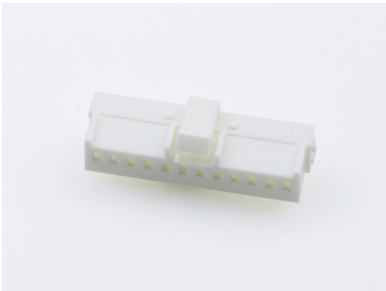




Part Number : [512161200](#)
Product Description : 2.00mm Pitch MicroTPA
Receptacle Housing, Positive Lock, 12 Circuits,
Natural
Series Number : 51216
Status : Active
Product Category : Connector Housings



Documents & Resources

Drawings
[512161200_sd.pdf](#)

3D Models and Design Files
[512161200_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)6225-DC (07 Nov 2024)
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, 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
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
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, 12 Circuits	<u>512171205</u>
2.00mm Pitch Female Terminals	<u>59370</u>