Part Number : 512160800
Product Description : 2.00mm Pitch MicroTPA Receptacle Housing, Positive Lock, 8 Circuits, Natural
Series Number : 51216
Status : Active
Product Category : Connector Housings



Documents and Resources

Drawings

512160800_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)7771-DC (04 Feb 2026)
EU RoHS	Compliant per EU 2015/863

Compliance Statements

- EU RoHS
- REACH SVHC
- Low-Halogen

Industry Documents

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- 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, 8 Circuits, Natural
Application	Wire-to-Board, Wire-to-Wire
Component Type	Receptacle
Product Name	MicroTPA
UPC	800754824415

Agency

CSA	LR19980
UL	E29179

Physical

Circuits (maximum)	8
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

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Net Weight	381.200/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

Mates With / Use With

Mates with Part(s)

Description	Part Number
MicroTPA Plug Housings	51227
MicroTPA Vertical High Wall Type Headers	55487
MicroTPA Vertical Kinked PC Tail Headers	55755

Use with Part(s)

Description	Part Number
2.00mm Pitch MicroTPA Terminal Position Assurance (TPA) Retainer, 8 Circuits	512170805
2.00mm Pitch Female Terminals	59370

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