

Part Number : [511631200](#)

Product Description : Mini-Lock Receptacle
Housing, 2.50mm Pitch, Single Row, Positive Lock, 12
Circuits, Natural

Series Number : 51163

Status : Active

Product Category : Connector Housings



Documents and Resources

Drawings

[511631200_sd.pdf](#)

3D Models and Design Files

[STEP AP242](#)

[SOLIDWORKS](#)

[Creo](#)

[511631200.dxf](#)

Specifications

[511639100-EPK-100.pdf](#)

[511639200-SPK-200.pdf](#)

[511630000-PS-000.pdf](#)

[511630002-PS-000.pdf](#)

[511631000-PS-000.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

- 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	51163
Description	Mini-Lock Receptacle Housing, 2.50mm Pitch, Single Row, Positive Lock, 12 Circuits, Natural
Application	Wire-to-Board, Wire-to-Wire
Comments	GWT performed on end product as per IEC 60695-2-11
Component Type	Receptacle
Product Name	Mini-Lock
UPC	800753326828

Agency

CSA	LR19980
UL	E29179

Physical

Circuits (maximum)	12
Color - Resin	Natural

Durability (mating cycles max)	30
Flammability	94V-0
Gender	Female
Glow-Wire Capable	Yes
Keying to Mating Part	No
Lock to Mating Part	Yes
Locking Type	Positive Lock
Material - Resin	Polyester
Net Weight	922.400/mg
Number of Rows	1
Packaging Type	Bag
Panel Mount	No
Pitch - Mating Interface	2.50mm
Pitch - Termination Interface	2.50mm
Polarized to Mating Part	Yes
Shrouded	Shrouded
Stackable	No
Temperature Range - Operating	-55° to +105°C

Mates With / Use With

Mates with Part(s)

Description	Part Number
Mini-Lock Vertical, Single Row, Surface Mount Headers	<u>215931</u>
Mini-Lock Right-Angle, Single Row, Surface Mount Headers	<u>215932</u>
Mini-Lock Vertical Single Row Headers	<u>53375</u>
Mini-Lock Vertical Single Row Headers	<u>53476</u>
Mini-Lock Vertical Single Row Headers	<u>53517</u>
Mini-Lock Right-Angle Single Row Headers	<u>53426</u>

Use with Part(s)

Description	Part Number
Mini-Lock Female Crimp Terminals	<u>50752</u>
Mini-Lock Terminal Position Assurance (TPA) Retainers	<u>51164</u>

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