



Part Number : [511631200](#)

Series Number : [51163](#)

Product Category : [Connector Housings](#)

Product Description : [2.50mm Pitch, Mini-Lock Receptacle Crimp Housing, Single Row, Positive Lock, 12 Circuits, Natural](#)

Status : [Active](#)

Documents & Resources

Drawings

[Drawing 511631200_sd.pdf](#)

3D Models and Design Files

[2D Drawing DXF 511631200.dxf](#)

[2D Drawing DXF \(PDF\) 511631200.pdf](#)

[3D Model 511631200_stp.zip](#)

Specifications

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

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

[Product Specification 511631000-PS-000.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)4144-DC (27 June 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	51163
Description	2.50mm Pitch, Mini-Lock Receptacle Crimp Housing, Single Row, Positive Lock, 12 Circuits, Natural
Application	Signal, Wire-to-Board
Comments	GWT performed on end product as per IEC 60695-2-11
Product Family	Mini-Lock Wire-to-Board Connector System
Product Name	Mini-Lock
UPC	800753326828

Agency

CSA	LR19980
UL	E29179

Physical

Circuits (maximum)	12
Color - Resin	Natural
Flammability	94V-0
Gender	Receptacle
Glow-Wire Capable	Yes
Keying to Mating Part	None
Lock to Mating Part	Yes
Material - Resin	Polyester
Net Weight	922.400/mg

Number of Rows	1
Packaging Type	Bag
Panel Mount	No
Pitch - Mating Interface	2.50mm
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 Vertical Single Row Headers	<u>53375</u>
Mini-Lock Vertical Single Row Headers	<u>53517</u>
Mini-Lock Right-Angle, Single Row, Surface Mount Headers	<u>215932</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>