



**Part Number :** [511631500](#)

**Product Description :** 2.50mm Pitch, Mini-Lock Receptacle Crimp Housing, Single Row, Positive Lock, 15 Circuits, Natural

**Series Number :** 51163

**Status :** Active

**Product Category :** Connector Housings



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## Documents & Resources

### Drawings

[511631500 sd.pdf](#)

### 3D Models and Design Files

[STEP AP242](#)

[SOLIDWORKS](#)

[Creo](#)

[511631500.dxf](#)

### Specifications

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

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

[511631000-PS-000.pdf](#)

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## 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

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## Part Details

### General

Status	Active
Category	Connector Housings
Series	51163
Description	2.50mm Pitch, Mini-Lock Receptacle Crimp Housing, Single Row, Positive Lock, 15 Circuits, Natural
Application	Signal, Wire-to-Board
Comments	GWT performed on end product as per IEC 60695-2-11
Product Name	Mini-Lock
UPC	800753327245

### Agency

CSA	LR19980
UL	E29179

### Physical

Circuits (maximum)	15
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	1115.700/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

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## 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>