



Part Number : 511630241

Series Number : 51163

Product Category : Connector Housings

Product Description : 2.50mm Pitch, Mini-Lock  
Receptacle Crimp Housing, Single Row,  
Positive Lock, 2 Circuits, Black

Status : Active


Documents & Resources

- Drawings
- [Drawing 511630241\\_sd.pdf](#)
- 3D Models and Design Files
- [2D Drawing DXF 511630241.dxf](#)
- [2D Drawing DXF \(PDF\) 511630241.pdf](#)
- [3D Model 511630241\\_stp.zip](#)

- Specifications
- [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(2023)8585-DC (23 Jan 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

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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, 2 Circuits, Black
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	193264531042

#### Physical

Circuits (maximum)	2
Color - Resin	Black
Gender	Receptacle
Glow-Wire Capable	Yes
Keying to Mating Part	None
Lock to Mating Part	Yes
Material - Resin	Polyamide
Net Weight	229.000/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>