



Part Number : [511630400](#)
Product Description : 2.50mm Pitch, Mini-Lock
Receptacle Crimp Housing, Single Row, Positive Lock, 4
Circuits, Natural
Series Number : 51163
Status : Active
Product Category : Connector Housings



Documents & Resources

Drawings

[511630400_sd.pdf](#)

3D Models and Design Files

[511630400.dxf](#)

[511630400_stp.zip](#)

Specifications


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

[511630000-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(2024)7663-DC (21 Jan 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

Part Details

General

Status	Active
Category	Connector Housings
Series	51163
Description	2.50mm Pitch, Mini-Lock Receptacle Crimp Housing, Single Row, Positive Lock, 4 Circuits, Natural
Application	Signal, Wire-to-Board
Comments	GWT performed on end product as per IEC 60695-2-11
Product Name	Mini-Lock
UPC	800753325579

Agency

CSA	LR19980
UL	E29179

Physical

Circuits (maximum)	4
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	407.000/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

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>