



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 and Resources

Drawings

[511630400 sd.pdf](#)

3D Models and Design Files

[STEP AP242](#)

[SOLIDWORKS](#)

[Creo](#)

[511630400.dxf](#)

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(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 | 2.50mm Pitch, Mini-Lock Receptacle Crimp Housing, Single Row, Positive Lock, 4 Circuits, Natural |
| Application | 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 | No |
| 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> |