



Part Number : [511630600](#)

Product Description : 2.50mm Pitch, Mini-Lock Receptacle Crimp Housing, Single Row, Positive Lock, 6 Circuits, Natural

Series Number : 51163

Status : Active

Product Category : Connector Housings

Documents & Resources

Drawings

[Drawing 511630600_sd.pdf](#)

3D Models and Design Files

[2D Drawing DXF 511630600.dxf](#)

[2D Drawing DXF \(PDF\) 511630600.pdf](#)

[3D Model 511630600_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, 6 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 | 800753325913 |

Agency

| | |
|-----|---------|
| CSA | LR19980 |
| UL | E29179 |

Physical

| | |
|-----------------------|------------|
| Circuits (maximum) | 6 |
| 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 | 540.600/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> |