

**PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION**

**Part Number:** [0511630500](#)  
**Status:** **Active**  
**Overview:** [Mini-Lock Wire-to-Board Connector System](#)  
**Description:** 2.50mm Pitch, Mini-Lock Receptacle Crimp Housing, Single Row, Positive Lock, 5 Circuits, Natural

**Documents:**

<a href="#">2D Drawing (DXF)</a>	<a href="#">Product Specification 511630000-PS-000 (PDF)</a>
<a href="#">3D Model (PDF)</a>	<a href="#">Product Specification 511631000-PS-000 (PDF)</a>
<a href="#">2D Drawing DXF (PDF)</a>	<a href="#">Packaging Specification 511639200-SPK-200 (PDF)</a>
<a href="#">3D Model</a>	<a href="#">Datasheet (PDF)</a>
<a href="#">Drawing (PDF)</a>	<a href="#">RoHS Certificate of Compliance (PDF)</a>

**Agency Certification**

CSA	LR19980
UL	E29179

**General**

Product Family	Crimp Housings
Series	<a href="#">51163</a>
Application	Signal, Wire-to-Board
Comments	GWT performed on end product as per IEC 60695-2-11
Overview	<a href="#">Mini-Lock Wire-to-Board Connector System</a>
Product Name	Mini-Lock
Taxonomy	Connector Housings
UPC	800753325753

**Physical**

Circuits (maximum)	5
Color - Resin	Natural
Flammability	94V-0
Gender	Receptacle
Glow-Wire Capable	Yes - see comments above
Keying to Mating Part	None
Lock to Mating Part	Yes
Material - Resin	Polyester
Net Weight	584.800/mg
Number of Rows	1
Packaging Type	Bag
Panel Mount	No
Pitch - Mating Interface	2.50mm
Stackable	No
Temperature Range - Operating	-40° to +105°C

**Material Info**

**Reference - Drawing Numbers**

Packaging Specification	511639200-SPK-200
Product Specification	511630000-PS-000, 511631000-PS-000
Sales Drawing	511630000-SD-000, SD-51163-XX00-001, SD-51163-XX00-002



Series image - Reference only

**EU ELV**

**Not Relevant**

**EU RoHS**

**Compliant**

**REACH SVHC**

Not Contained Per -  
D(2022)4187-DC (10  
June 2022)

**Halogen-Free**

**Status**

**Not Low-Halogen**

For more information, please visit [Contact US](#)

China ROHS

ELV

RoHS Phthalates

**China RoHS**

Green Image

Not Relevant

Not Contained

**Search Parts in this Series**

[51163](#) Series

**Mates With**

Mini-Lock Vertical Header [53375](#) , [215931](#)  
 <br>Mini-Lock Vertical Potting Header  
[53517](#) <br>Mini-Lock Right-Angle Header  
[53426](#) , [215932](#)

**Use With**

Mini-Lock Receptacle Terminal [50752](#) . Mini-Lock TPA [51164](#)