

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:

3D Model	Product Specification 511631000-PS-000 (PDF)
Drawing (PDF)	Packaging Specification 511639200-SPK-200 (PDF)
3D Model (PDF)	RoHS Certificate of Compliance (PDF)
Product Specification 511630000-PS-000 (PDF)	

Agency Certification

CSA	LR19980
UL	E29179

General

Product Family	Crimp Housings
Series	51163
Application	Signal, Wire-to-Board
Comments	GWT performed on end product as per IEC 60695-2-11
Overview	Mini-Lock Wire-to-Board Connector System
Product Name	Mini-Lock
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
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(2021)4569-DC (8
July 2021)

Halogen-Free

Status

Not Low-Halogen

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

China RoHS

China ROHS	Green Image
ELV	Not Relevant
RoHS Phthalates	Not Contained

Search Parts in this Series

[51163](#) Series

Mates With

Mini-Lock Vertical Header [53375](#)
Mini-Lock Vertical Potting Header [53517](#)

Mini-Lock Right-Angle Header [53426](#)

Use With

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

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

[Molex:](#)

[51163-0500](#)