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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:

2D Drawing (DXF)	Product Specification 511630000-PS-000 (PDF)
3D Model (PDF)	Product Specification 511631000-PS-000 (PDF)
2D Drawing DXF (PDF)	Packaging Specification 511639200-SPK-200 (PDF)
3D Model	Datasheet (PDF)
Drawing (PDF)	RoHS Certificate of Compliance (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
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

China RoHS

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	Green Image
ELV	Not Relevant
RoHS Phthalates	Not Contained

Search Parts in this Series

[51163](#) Series

Mates With

Mini-Lock Vertical Header [53375](#) , [215931](#)

Mini-Lock Vertical Potting Header
[53517](#)
Mini-Lock Right-Angle Header
[53426](#) , [215932](#)

Use With

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