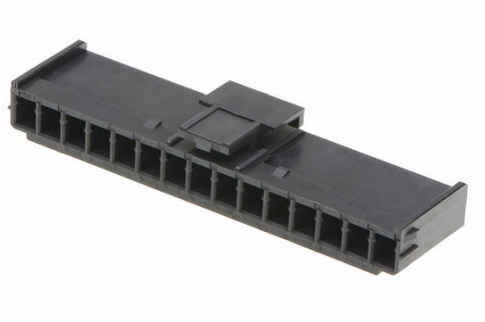
Part Number : 511631541
Product Description : 2.50mm Pitch, Mini-Lock Receptacle Crimp Housing, Single Row, Positive Lock, 15 Circuits, Black
Series Number : 51163
Status : Active
Product Category : Connector Housings



Documents & Resources

Drawings

511631541_sd.pdf

3D Models and Design Files

STEP AP242

SOLIDWORKS

Creo

511631541.dxf

Specifications

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)4165-DC (25 June 2025)
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, 15 Circuits, Black
Application	Signal, Wire-to-Board
Comments	GWT performed on end product as per IEC 60695-2-11
Product Name	Mini-Lock
UPC	193264531172

Agency

UL	E29179

Physical

Circuits (maximum)	15
Color - Resin	Black
Flammability	94V-0
Gender	Receptacle

Glow-Wire Capable	Yes
Keying to Mating Part	None
Lock to Mating Part	Yes
Material - Resin	Polyamide
Net Weight	912.000/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	215931
Mini-Lock Vertical Single Row Headers	53375
Mini-Lock Vertical Single Row Headers	53517
Mini-Lock Right-Angle, Single Row, Surface Mount Headers	215932
Mini-Lock Right-Angle Single Row Headers	53426

Use with Part(s)

Description	Part Number
Mini-Lock Female Crimp Terminals	50752
Mini-Lock Terminal Position Assurance (TPA) Retainers	51164