Part Number : 5054311100
Product Description : Micro-Lock Plus Female Crimp Terminal, 1.25mm Pitch, 0.10µm Gold (Au) Plating, 30-26 AWG, Reel
Series Number : 505431
Status : Active
Product Category : Crimp Terminals



Documents and Resources

Drawings

5054311100_sd.pdf

3D Models and Design Files

STEP AP242

SOLIDWORKS

Creo

Specifications

5054320000-AS-000.pdf

5055650000-AS-000.pdf

5054319200-200.pdf

2045230002-PS-000.pdf

2045321000-PS-001.pdf

5054320000-006.pdf

5054321000-PS-006.pdf

2045320000-PS-001.pdf

5055650002-000.pdf

5055651002-PS-000.pdf

Tooling Specifications

CS-505431-001-001.pdf

Product Environment Compliance

Compliance

GADSL/IMDS	Compliant with Exemption 44; 33;

	34
China RoHS	per SJ/T 11365-2006
EU ELV	Not Relevant
Low-Halogen Status	Low-Halogen per IEC 61249-2-21
REACH SVHC	Not Contained per D(2025)7771-DC (04 Feb 2026)
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	Crimp Terminals
Series	505431
Description	Micro-Lock Plus Female Crimp Terminal, 1.25mm Pitch, 0.10µm Gold (Au) Plating, 30-26 AWG, Reel
Application	Wire-to-Board
Keyword	Micro-Lock Plus 1.25
Product Name	Micro-Lock Plus
UPC	889056853989

Electrical

Current - Maximum per Contact	1.5A
Voltage - Maximum	50V AC (RMS)/DC

Physical

Durability (mating cycles max)	30
Gender	Female
Material - Metal	Copper Alloy
Material - Plating Mating	Gold
Material - Plating Termination	Tin
Net Weight	35.434/mg
Packaging Type	Reel
Pitch - Mating Interface	1.25mm
Plating min - Mating	0.100µm
Termination Interface Style	Crimp or Compression
Wire Insulation Diameter	0.78-1.02mm
Wire Size (AWG)	26, 28, 30
Wire Size mm^2	0.049-0.136

Mates With / Use With

Use with Part(s)

Description	Part Number
1.25mm Pitch, Micro-Lock Plus Single Row Receptacle Housings	505565

Application Tooling

Global

Description	Part Number
Hand Crimp Tool for Micro-Lock Plus 1.25mm Pitch Wire-to-Board Receptacle Terminals, 30-26 AWG, UL1061 wire	2002180300
Extraction and Activation Tool	638132700

FineAdjust Applicator for Micro-Lock Plus, 1.25mm (.049") Wire to Board Crimp Terminal, 30-26 AWG	639042300

Japan

Description	Part Number
S-1 Applicator for Micro-Lock Plus Terminals, 30-26 AWG	5781463700