



Part Number : [5054311200](#)
Product Description : Micro-Lock Plus Female Crimp Terminal, 0.38µm Gold (Au) Plating, 30-26 AWG, Reel
Series Number : 505431
Status : Active
Product Category : Crimp Terminals



Documents & Resources


Drawings
[Drawing 5054311200_sd.pdf](#)

3D Models and Design Files
[3D Model 5054311200_stp.zip](#)

Specifications
[Application Specification 5054320000-AS-000.pdf](#)
[Application Specification 5055650000-AS-000.pdf](#)
[Packaging Specification 5054319200-200.pdf](#)
[Product Specification 5054320000-006.pdf](#)
[Product Specification 5054321000-PS-006.pdf](#)

Product Environment Compliance

Compliance

| | |
|--------------------|---|
| GADSL/IMDS | Compliant with Exemption 44; 34; 33 |
| China RoHS |  |
| EU ELV | Not Relevant |
| Low-Halogen Status | Low-Halogen per IEC 61249-2-21 |
| REACH SVHC | Not Contained per D(2024)4144-DC (27 June 2024) |
| EU RoHS | Compliant per EU 2015/863 |

Multiple Part Product Compliance Statements
- Eu RoHS
- REACH SVHC
- Low-Halogen

Multiple Part Industry Compliance Documents

- IPC 1752A Class C
- IPC 1752A Class D
- Molex Product Compliance Declaration
- IEC-62474
- chemSHERPA (xml)

EU RoHS Certificate of Compliance

Part Details

General

| | |
|----------------|--|
| Status | Active |
| Category | Crimp Terminals |
| Series | 505431 |
| Description | Micro-Lock Plus Female Crimp Terminal, 0.38µm Gold (Au) Plating, 30-26 AWG, Reel |
| Application | Signal, Wire-to-Board |
| Product Family | Micro-Lock Connector System |
| Product Name | Micro-Lock Plus |
| UPC | 193264124954 |

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 | Gold |
| Net Weight | 16.620/mg |
| Packaging Type | Reel |
| Plating min - Mating | 0.380µm |
| 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 |

Use with Part(s)

| Description | Part Number |
|--|---------------|
| 1.25mm Pitch, Micro-Lock Plus Dual Row Receptacle Housings | <u>505432</u> |
| 1.25mm Pitch, Micro-Lock Plus Single Row Receptacle Housings | <u>505565</u> |

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 | <u>2002180300</u> |
| Extraction and Activation Tool | <u>638132700</u> |
| FineAdjust Applicator for Micro-Lock Plus, 1.25mm (.049") Wire to Board Crimp Terminal, 30-26 AWG | <u>639042300</u> |