**Part Number :** 5001450128
**Product Description :** 2.00mm Pitch Crimp Terminal, Male, Phosphor Bronze, .076µm Gold (Au) Plating, Reel, for Socket Kit Housing
**Series Number :** 500145
**Status :** Active
**Product Category :** Crimp Terminals



## Documents and Resources

### Drawings

5001450128_sd.pdf

STEP AP242

SOLIDWORKS

Creo

### Specifications

PS-500655-002-001.pdf

## Product Environment Compliance

### Compliance

| | |
|---|---|
| GADSL/IMDS | Not Relevant |
| 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

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- chemSHERPA (xml)

Substances of Interest
- PFAS

EU RoHS Certificate of Compliance

Additional Product Compliance Information

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## Part Details

### General

| | |
|---|---|
| Status | Active |
| Category | Crimp Terminals |
| Series | 500145 |
| Description | 2.00mm Pitch Crimp Terminal, Male, Phosphor Bronze, .076µm Gold (Au) Plating, Reel, for Socket Kit Housing |
| Application | Wire-to-Wire |
| Product Name | N/A |
| UPC | 822348383344 |

### Electrical

| | |
|---|---|
| Current - Maximum per Contact | 0.5A, 1.5A, 1.0A, 2.0A |
| Voltage - Maximum | 125V |

### Physical

| | |
|---|---|
| Durability (mating cycles max) | 1500 |
| Gender | Male |
| Material - Metal | Phosphor Bronze |
| Material - Plating Mating | Gold |
| Material - Plating Termination | Tin |
| Net Weight | 1194.000/mg |
| Packaging Type | Reel |
| Plating min - Mating | 0.762µm |
| Plating min - Termination | 0.508µm |
| Wire Insulation Diameter | 1.20mm max. |
| Wire Size (AWG) | 24, 26, 28 |
| Wire Size $mm^2$ | N/A |

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## Mates With / Use With

### Use with Part(s)

| Description | Part Number |
|---|---|
| 2.00mm Pitch Serial I/O Connector, Socket Kit, Wire-to-Wire Crimp Type, Without Flange, 6 Circuits | 5006550609 |
| 2.00mm Pitch Serial I/O Connector, Socket Kit, Wire-to-Wire Crimp Type, With Flange, 6 Circuits | 5006550619 |
| 2.00mm Pitch Serial I/O Connector, Socket Kit, Wire-to-Wire Crimp Type, Without Flange, 8 Circuits | 5006550809 |
| 2.00mm Pitch Serial I/O Connector, Socket Kit, Wire-to-Wire Crimp Type, With Flange, 8 Circuits | 5006550819 |

## Application Tooling

## Japan

| Description | Part Number |
|---|---|
| S-1 Applicator for FDC Plug Crimp Terminals, 28-24 AWG | 5780033700 |
| Extraction Tool | 5780036100 |



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