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**Part Number:** [1722536011](#)  
**Status:** **Active**  
**Overview:** [Ultra-Fit Power Connectors](#)  
**Description:** Ultra-Fit Tangless Crimp Terminal, Female, 0.38µm Gold (Au) Plating, 16-18 AWG

**Documents:**  
[Drawing \(PDF\)](#)  
[Product Specification 1723230001-TS-000 \(PDF\)](#)  
[Product Specification 1723231000-PS-CH-000 \(PDF\)](#)  
[Product Specification 1723231000-PS-ES-000 \(PDF\)](#)  
[Product Specification 1723231000-PS-JP-000 \(PDF\)](#)  
[Product Specification 1723231000-PS-SK-000 \(PDF\)](#)  
[Product Specification PS-172323-0001-001 \(PDF\)](#)  
[Application Specification 1723230003-000 \(PDF\)](#)  
[Packaging Specification 1722535102-000 \(PDF\)](#)  
[RoHS Certificate of Compliance \(PDF\)](#)  
[Product Literature \(PDF\)](#)

|                                |                                                                                   |
|--------------------------------|-----------------------------------------------------------------------------------|
| <b>General</b>                 |                                                                                   |
| Product Family                 | Crimp Terminals                                                                   |
| Series                         | <a href="#">172253</a>                                                            |
| Application                    | Power, Wire-to-Board                                                              |
| Comments                       | See Product Specification for maximum current rating by circuit size and wire AWG |
| Crimp Quality Equipment        | Yes                                                                               |
| Overview                       | <a href="#">Ultra-Fit Power Connectors</a>                                        |
| Product Name                   | Ultra-Fit                                                                         |
| UPC                            | 191128803137                                                                      |
| <b>Physical</b>                |                                                                                   |
| Durability (mating cycles max) | 200                                                                               |
| Gender                         | Female                                                                            |
| Material - Metal               | High Conductivity Copper                                                          |
| Material - Plating Mating      | Gold                                                                              |
| Material - Plating Termination | Tin                                                                               |
| Net Weight                     | 0.144/g                                                                           |
| Packaging Type                 | Reel                                                                              |
| Plating min - Mating           | 0.381µm                                                                           |
| Plating min - Termination      | 1.524µm                                                                           |
| Termination Interface: Style   | Crimp or Compression                                                              |
| Wire Insulation Diameter       | 1.70-2.00mm                                                                       |
| Wire Size AWG                  | 16, 18                                                                            |
| Wire Size mm²                  | N/A                                                                               |

|                               |                  |
|-------------------------------|------------------|
| <b>Electrical</b>             |                  |
| Current - Maximum per Contact | 12.0A            |
| Voltage - Maximum             | 600V AC (RMS)/DC |

**Material Info**

**Reference - Drawing Numbers**

|                           |                                                                                                                                                                                                                                    |
|---------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Application Specification | <a href="#">1723230003-000</a>                                                                                                                                                                                                     |
| Packaging Specification   | <a href="#">1722535102-000</a>                                                                                                                                                                                                     |
| Product Specification     | <a href="#">1723230001-TS-000</a> , <a href="#">1723231000-PS-CH-000</a> , <a href="#">1723231000-PS-ES-000</a> , <a href="#">1723231000-PS-JP-000</a> , <a href="#">1723231000-PS-SK-000</a> , <a href="#">PS-172323-0001-001</a> |
| Sales Drawing             | <a href="#">1722532000-000</a>                                                                                                                                                                                                     |



Series image - Reference only

**EU ELV**

**Not Relevant**

**EU RoHS**

**Compliant**

**China RoHS**

**REACH SVHC**

Not Contained Per -  
D(2021)4569-DC (8  
July 2021)

**Halogen-Free**

**Status**

**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**

[172253](#) Series

**Use With**

Ultra-Fit Tangless Receptacle Housing  
[172256](#) , [172258](#)

**Application Tooling | FAQ**

*Tooling specifications and manuals are found by selecting the products below. Crimp Height Specifications are then contained in the Application Tooling Specification document.*

**Global**

| Description                                                                       | Product #                  |
|-----------------------------------------------------------------------------------|----------------------------|
| Hand Crimp Tool for Ultra-Fit Tang-less Crimp Terminals, 16-18 AWG (UL1061) Wires | <a href="#">2002184600</a> |
| Extraction Tool for Ultra-Fit Tangless Crimp Terminals,                           | <a href="#">638248700</a>  |

16-18 AWG (UL1061  
Wires)  
FineAdjust Applicator 639043300  
for Ultra-Fit Crimp  
Terminals, 16-18  
AWG

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