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**Part Number:** [1722533023](#)  
**Status:** **Active**  
**Overview:** [Ultra-Fit Power Connectors](#)  
**Description:** Ultra-Fit Crimp Terminal, Female, Tin (Sn) Plating, 16-18 AWG

**Documents:**

|  |  |
|--|--|
| <a href="#">Drawing (PDF)</a>                                  | <a href="#">Application Specification AS-172323-0001 (PDF)</a> |
| <a href="#">Product Specification 1723230001-TS-000 (PDF)</a>  | <a href="#">RoHS Certificate of Compliance (PDF)</a>           |
| <a href="#">Product Specification PS-172323-0001-001 (PDF)</a> | <a href="#">Product Literature (PDF)</a>                       |

**General**

|                                  |  |
|----------------------------------|--|
| 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, See Product Specification for maximum current rating by circuit size and wire AWG |
| Crimp Quality Equipment Overview | Yes  |
| Product Literature Order No      | <a href="#">Ultra-Fit Power Connectors</a>   |
| Product Name                     | 987651-1008  |
| UPC                              | Ultra-Fit<br>887191722863  |

**Physical**

|                                |                          |
|--------------------------------|--------------------------|
| Durability (mating cycles max) | 25                       |
| Gender                         | Female                   |
| Material - Metal               | High Conductivity Copper |
| Material - Plating Mating      | Tin over Nickel          |
| Material - Plating Termination | Tin over Nickel          |
| Net Weight                     | 0.153/g                  |
| Packaging Type                 | Reel                     |
| Plating min - Mating           | 1.524µm                  |
| 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 mm <sup>2</sup>      | N/A                      |

**Electrical**

|                               |                  |
|-------------------------------|------------------|
| Current - Maximum per Contact | 14.0A            |
| Voltage - Maximum             | 400V AC (RMS)/DC |

**Solder Process Data**

|                              |     |
|------------------------------|-----|
| Lead-free Process Capability | N/A |
|------------------------------|-----|

**Material Info**

**Reference - Drawing Numbers**

|                               |                                       |
|-------------------------------|---------------------------------------|
| Application Specification     | AS-172323-0001                        |
| Application Tooling Documents | ATS-639041600-001                     |
| Product Specification         | 1723230001-TS-000, PS-172323-0001-001 |
| Sales Drawing                 | SD-172253-1000-000                    |



*Series image - Reference only*

**EU ELV**

**Compliant**

**EU RoHS**

**Compliant**

**REACH SVHC**

Not Contained Per  
-ED/88/2018 (15  
January 2019)

**Halogen-Free**

**Status**

**Low-Halogen**

For more information, please visit [Contact US](#)

China ROHS

ELV

RoHS Phthalates

**China RoHS**

Green Image

Compliant

Not Contained

**Search Parts in this Series**

[172253](#) Series

**Use With**

Ultra-Fit Receptacle Housing [172256](#) ,  
[172258](#) , [172260](#) , [172262](#)

**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 #**

|  |                           |
|--|---------------------------|
| Extraction Tool  | <a href="#">11030016</a>  |
| Hand Crimp Tool<br>for Ultra-Fit Crimp<br>Terminals, 16-18<br>AWG (UL1061) wires       | <a href="#">638275300</a> |
| FineAdjust Applicator<br>for Ultra-Fit Crimp<br>Terminals, 16-18<br>AWG (UL1061) wires | <a href="#">639041600</a> |

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