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Part Number:

0430300040

Status:

Active

Overview:

Micro-Fit Connector System

Description:

Micro-Fit 3.0 Crimp Terminal, Female, with 0.76µm Select Gold (Au) Plated Phosphor Bronze Contact, 18 AWG, .073in / 1.85mm Max Insulation Outside Diameter, Reel

- Documents:
- Drawing (PDF)

Product Specification 430450001-PS-KO-000 (PDF)

Product Specification 430450001-PS-SP-000 (PDF)

Product Specification PS-43045-001 (PDF)

Packaging Specification PK-43030-001-001 (PDF)

Test Summary 430450005-TS-000 (PDF)

Test Summary 430450006-TS-000 (PDF)

Test Summary TS-43045-001-001 (PDF)

Test Summary TS-43045-002-001 (PDF)

Datasheet (PDF)

RoHS Certificate of Compliance (PDF)

|                                |                                                                                                                 |
|--------------------------------|-----------------------------------------------------------------------------------------------------------------|
| General                        |                                                                                                                 |
| Product Family                 | Crimp Terminals                                                                                                 |
| Series                         | 43030                                                                                                           |
| Application                    | Power, Wire-to-Board, Wire-to-Wire                                                                              |
| Comments                       | Part Number 430300040 is Designed for 18 AWG 1061 Style Wire or a .073/1.85 Maximum Insulation Outside Diameter |
| Crimp Quality Equipment        | Yes                                                                                                             |
| Overview                       | Micro-Fit Connector System                                                                                      |
| Product Name                   | Micro-Fit 3.0                                                                                                   |
| Taxonomy                       | Crimp Terminals                                                                                                 |
| UPC                            | 193264107858                                                                                                    |
| Physical                       |                                                                                                                 |
| Gender                         | Female                                                                                                          |
| Material - Metal               | Phosphor Bronze                                                                                                 |
| Material - Plating Mating      | Gold                                                                                                            |
| Material - Plating Termination | Tin                                                                                                             |
| Net Weight                     | 0.062/g                                                                                                         |
| Packaging Type                 | Reel                                                                                                            |
| Plating min - Mating           | 0.762µm                                                                                                         |
| Plating min - Termination      | 2.540µm                                                                                                         |
| Termination Interface: Style   | Crimp or Compression                                                                                            |
| Wire Insulation Diameter       | 1.85mm max.                                                                                                     |
| Wire Size AWG                  | 18                                                                                                              |
| Wire Size mm²                  | 0.75                                                                                                            |
| Electrical                     |                                                                                                                 |
| Current - Maximum per Contact  | 8.5A                                                                                                            |
| Solder Process Data            |                                                                                                                 |
| Lead-freeProcess Capability    | N/A                                                                                                             |
| Material Info                  |                                                                                                                 |
| Reference - Drawing Numbers    |                                                                                                                 |
| Packaging Specification        | PK-43030-001-001                                                                                                |
| Product Specification          | 430450001-PS-KO-000, 430450001-PS-SP-000, PS-43045-001                                                          |
| Sales Drawing                  | SD-43030-XXXX-001                                                                                               |
| Test Summary                   | 430450005-TS-000, 430450006-TS-000, TS-43045-001-001, TS-43045-002-001                                          |



Series image - Reference only

|                                                               |               |
|---------------------------------------------------------------|---------------|
| EU ELV                                                        |               |
| Not Relevant                                                  |               |
| EU RoHS                                                       | China RoHS    |
| Compliant                                                     |               |
| REACH SVHC                                                    |               |
| Not Contained Per - D(2022)4187-DC (10 June 2022)             |               |
| Halogen-Free                                                  |               |
| Status                                                        |               |
| Low-Halogen                                                   |               |
| For more information, please visit <a href="#">Contact US</a> |               |
| China ROHS                                                    | Green Image   |
| ELV                                                           | Not Relevant  |
| RoHS Phthalates                                               | Not Contained |

Search Parts in this Series

43030 Series

Use With

Micro-Fit 3.0 Receptacle Housings 43025 , 43645 <br>Micro-Fit BMI Panel Mount Receptacle Housings 44133

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 for Micro-Fit Terminals                                             | 11030043  |
| Insertion Tool for Micro-Fit 3.0 and CRC Male and Female Crimp Terminals, 20-30 AWG | 638120800 |

Hand Crimp Tool for [638280200](#)  
Micro-Fit 3.0 Female  
Crimp Terminals,  
0.75mm<sup>2</sup> and  
18AWG (UL1061)  
wires  
FineAdjust Applicator [639025800](#)  
for Micro-Fit 3.0  
and Micro-Fit  
Plus Terminals,  
for 0.75mm<sup>2</sup>  
and 18 AWG  
(UL1061) Wires with  
Insulation Diameter  
1.40-1.85mm

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