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**Part Number:** [0430315003](#)  
**Status:** **Active**  
**Overview:** [Micro-Fit Connector System](#)  
**Description:** Micro-Fit TPA Crimp Terminal, Male, with Tin (Sn) Pre-plated Phosphor Bronze Contact, 20-24 AWG, Reel

**Documents:**

<a href="#">Drawing (PDF)</a>	<a href="#">Packaging Specification PK-43031-001-001 (PDF)</a>
<a href="#">Product Specification 436500001-PS-JA-000 (PDF)</a>	<a href="#">Test Summary 430450005-TS-000 (PDF)</a>
<a href="#">Product Specification 436500001-PS-KO-000 (PDF)</a>	<a href="#">Test Summary TS-43045-001-001 (PDF)</a>
<a href="#">Product Specification 436500001-PS-SP-000 (PDF)</a>	<a href="#">Datasheet (PDF)</a>
<a href="#">Product Specification PS-43650-001 (PDF)</a>	<a href="#">RoHS Certificate of Compliance (PDF)</a>

**General**

Product Family	Crimp Terminals
Series	<a href="#">43031</a>
Application	Power, Wire-to-Wire
Crimp Quality Equipment	Yes
Overview	<a href="#">Micro-Fit Connector System</a>
Product Name	Micro-Fit TPA
UPC	889056917179

**Physical**

Durability (mating cycles max)	30
Gender	Male
Material - Metal	Phosphor Bronze
Material - Plating Mating	Tin
Material - Plating Termination	Tin
Net Weight	0.061/g
Packaging Type	Reel
Plating min - Mating	1.000µm
Plating min - Termination	1.000µm
Termination Interface: Style	Crimp or Compression
Wire Insulation Diameter	1.85mm max.
Wire Size AWG	20, 22, 24
Wire Size mm <sup>2</sup>	N/A

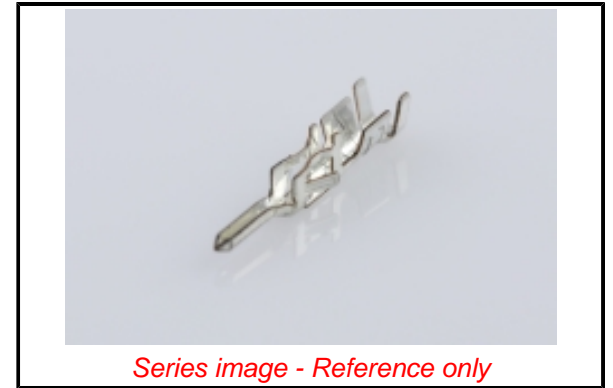
**Electrical**

Current - Maximum per Contact	8.5A
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**Material Info**

**Reference - Drawing Numbers**

Packaging Specification	PK-43031-001-001
Product Specification	436500001-PS-JA-000, 436500001-PS-KO-000, 436500001-PS-SP-000, PS-43650-001
Sales Drawing	430310000-SD-000
Test Summary	430450005-TS-000, TS-43045-001-001



Series image - Reference only

**EU ELV**

**Not Relevant**

**EU RoHS**

**Compliant**

**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

ELV

RoHS Phthalates

**China RoHS**

Green Image

Not Relevant

Not Contained

**Search Parts in this Series**

[43031 Series](#)

**Use With**

[Micro-Fit TPA Plug Housing 200875](#)

**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	<a href="#">11030043</a>
Hand Crimp Tool for Micro-Fit+ Female and Micro-Fit TPA Male Crimp Terminals, 20 AWG, UL1007 and UL1061 Wires	<a href="#">2002185500</a>
Hand Crimp Tool for Micro-Fit+	<a href="#">2002185600</a>

Female and Micro-Fit TPA Male Crimp Terminals, 22 AWG, UL1007 and UL1061 Wires  
Hand Crimp Tool [2002185900](#)  
for Micro-Fit+  
Female and Micro-Fit TPA Male Crimp Terminals, 24 AWG, UL1007 and UL1061 Wires  
Insertion Tool for [638120800](#)  
Micro-Fit 3.0 and CRC Male and Female Crimp Terminals, 20-30 AWG  
FineAdjust Applicator [639004500](#)  
for Insulation OD 1.30-1.85mm, 20-24 AWG Wire  
FineAdjust Applicator [639018800](#)  
for Insulation OD 1.10-1.30mm - 20-24 AWG  
FineAdjust Applicator [639018900](#)  
for Micro-Fit 3.0 Terminals, for 20-24 AWG Wire with Insulation Diameter 0.91-1.09mm  
T2 Terminator [639104500](#)  
for Insulation OD 1.30-1.85mm, 20-24 AWG  
T2 Terminator [639118800](#)  
for insulation OD 1.10-1.30mm - 20-24 AWG  
T2 Terminator [639118900](#)  
for insulation OD 0.91-1.09mm - 20-24 AWG

This document was generated on 09/01/2021

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