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**Part Number:** [0430315003](#)  
**Status:** **Active**  
**Overview:** Micro-Fit 3.0 Connector System Product Family  
**Description:** Micro-Fit TPA Crimp Terminal, Male, with Tin (Sn) Pre-plated Phosphor Bronze Contact, 20-24 AWG, Reel

**Documents:**

[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)  
[Product Specification PS-43650 \(PDF\)](#) [Product Literature \(PDF\)](#)

**General**

Product Family	Crimp Terminals
Series	<a href="#">43031</a>
Application	Power, Wire-to-Wire
Crimp Quality Equipment	Yes
Overview	<a href="#">Micro-Fit 3.0 Connector System Product Family</a>
Product Literature Order No	987650-5984
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**

Product Specification	PS-43650
Sales Drawing	430310000-SD-000



*Series image - Reference only*

**EU ELV**

**Not Relevant**

**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

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	<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+ Female and Micro-	<a href="#">2002185600</a>

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 Applicator639004500  
for Insulation OD  
1.30-1.85mm, 20-24  
AWG Wire  
FineAdjust Applicator639018800  
for Insulation OD  
1.10-1.30mm - 20-24  
AWG  
FineAdjust Applicator639018900  
for Insulation OD  
0.91-1.09mm - 20-24  
AWG  
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 04/16/2019

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