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Part Number: **0430315005**
Status: **Active**
Overview: Micro-Fit Connector System
Description: Micro-Fit TPA Crimp Terminal, Male, with 0.76µm Select Gold (Au) Plated Phosphor Bronze Contact, 20-24 AWG, Reel

Documents:

Drawing (PDF)	Test Summary 430450005-TS-000 (PDF)
Product Specification 436500001-PS-JA-000 (PDF)	Test Summary 430450006-TS-000 (PDF)
Product Specification 436500001-PS-KO-000 (PDF)	Test Summary TS-43045-001-001 (PDF)
Product Specification 436500001-PS-SP-000 (PDF)	Test Summary TS-46235-001-001 (PDF)
Product Specification PS-43650-001 (PDF)	Datasheet (PDF)
Packaging Specification PK-43031-001-001 (PDF)	RoHS Certificate of Compliance (PDF)

General

Product Family	Crimp Terminals
Series	43031
Application	Power, Wire-to-Wire
Crimp Quality Equipment	Yes
Overview	<u>Micro-Fit Connector System</u>
Product Name	Micro-Fit TPA
UPC	889056917193

Physical

Durability (mating cycles max)	30
Gender	Male
Material - Metal	Phosphor Bronze
Material - Plating Mating	Gold
Material - Plating Termination	Tin
Net Weight	0.061/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	20, 22, 24
Wire Size mm ²	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, 430450006-TS-000, TS-43045-001-001, TS-46235-001-001



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

Compliant

REACH SVHC

Not Contained Per -
D(2021)4569-DC (8
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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	11030043
Hand Crimp Tool for Micro-Fit+ Female and Micro-Fit TPA Male Crimp Terminals, 20 AWG, UL1007 and UL1061 Wires	2002185500
Hand Crimp Tool for Micro-Fit+	2002185600

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

Hand Crimp Tool [2133094500](#) for Micro-Fit Crimp

Terminals, 20 AWG, UL1007 and UL1061 Wires

Hand Crimp Tool [2133094600](#) for Micro-Fit Crimp

Terminals, 22 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

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