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Part Number: 0430310001

Status: Active

Overview: Micro-Fit Connector System

Description: Micro-Fit 3.0 Crimp Terminal, Male, with Tin (Sn) Plated Phosphor Bronze Contact, 20-24 AWG, Reel



Series image - Reference only

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-43031-001-001 (PDF)
Test Summary 430450005-TS-000 (PDF)
Test Summary TS-43045-001-001 (PDF)
Datasheet (PDF)
RoHS Certificate of Compliance (PDF)

General

Product Family	Crimp Terminals
Series	43031
Application	Power, Wire-to-Wire
Crimp Quality Equipment	Yes
Overview	Micro-Fit Connector System
Packaging Alternative	430310007 (Loose)
Product Name	Micro-Fit 3.0
UPC	800753683679

Physical

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	1.016µm
Plating min - Termination	1.016µm
Termination Interface: Style	Crimp or Compression
Wire Insulation Diameter	1.85mm max.
Wire Size AWG	20, 22, 24
Wire Size mm²	N/A

Electrical

Current - Maximum per Contact	8.5A

Solder Process Data

Lead-freeProcess Capability	N/A

Material Info

Reference - Drawing Numbers

Packaging Specification	PK-43031-001-001
Product Specification	430450001-PS-KO-000, 430450001-PS-SP-000, PS-43045-001
Sales Drawing	SD-43031-XXXX-001
Test Summary	430450005-TS-000, TS-43045-001-001

EU ELV
Compliant

EU RoHS
Compliant

China RoHS

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	Green Image
ELV	Compliant
RoHS Phthalates	Not Contained

Search Parts in this Series
43031 Series

Use With
Micro-Fit 3.0 Plug Housings 43020 , 43640
Micro-Fit BMI Plug Housings 44300 , 46625

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

PremiumGrade Hand Crimp Tool for Micro-Fit 3.0 Terminals, 20-30 AWG	638190000
FineAdjust Applicator for Insulation OD 1.30-1.85mm, 20-24 AWG Wire	639004500
FineAdjust Applicator for Insulation OD 1.10-1.30mm - 20-24 AWG	639018800
FineAdjust Applicator for Micro-Fit 3.0 Terminals, for 20-24 AWG Wire with Insulation Diameter 0.91-1.09mm	639018900
T2 Terminator for Insulation OD 1.30-1.85mm, 20-24 AWG	639104500
T2 Terminator for insulation OD 1.10-1.30mm - 20-24 AWG	639118800
T2 Terminator for insulation OD 0.91-1.09mm - 20-24 AWG	639118900

Japan

Description	Product #
S-1 Applicator for Micro-Fit 3.0 Plug and Receptacle Crimp Terminals, 20-24 AWG	572983700