



Part Number : 430310002

Series Number : 43031

Product Category : Crimp Terminals

Product Description : Micro-Fit 3.0 Crimp Terminal, Male, with 0.38µm Select Gold (Au) Plated Phosphor Bronze Contact, 24-20 AWG, Reel

Status : Active

Packaging Alternative : 430310008 (Bag)

Documents & Resources

Drawings

Drawing 430310002\_sd.pdf

Packaging Design Drawing PK-43031-001-001.pdf

Specifications

Product Specification 430450001-PS-KO-000.pdf

Product Specification 430450001-PS-SP-000.pdf

Product Specification PS-43045-001.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

Test Summary TS-46235-001-001.pdf

Product Environment Compliance

Compliance

GADSL/IMDS	Compliant with Exemption 44; 34; 33
China RoHS	
EU ELV	Compliant per 2000/53/EC
Low-Halogen Status	Low-Halogen per IEC 61249-2-21
REACH SVHC	Not Contained per D(2024)4144-DC (27 June 2024)
EU RoHS	Compliant per EU 2015/863

Multiple Part Product Compliance Statements

- Eu RoHS
- REACH SVHC
- Low-Halogen

## Multiple Part Industry Compliance Documents

- IPC 1752A Class C
- IPC 1752A Class D
- Molex Product Compliance Declaration
- IEC-62474
- chemSHERPA (xml)

## EU RoHS Certificate of Compliance

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### Part Details

#### General

Status	Active
Category	Crimp Terminals
Series	43031
Description	Micro-Fit 3.0 Crimp Terminal, Male, with 0.38µm Select Gold (Au) Plated Phosphor Bronze Contact, 24-20 AWG, Reel
Application	Power, Wire-to-Wire
Product Family	Micro-Fit Connector System
Product Name	Micro-Fit 3.0
UPC	800754369411

#### Electrical

Current - Maximum per Contact	8.5A
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#### Physical

Gender	Male
Material - Metal	Phosphor Bronze
Material - Plating Mating	Gold
Material - Plating Termination	Tin
Packaging Type	Reel
Plating min - Mating	0.381µm
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 <sup>2</sup>	N/A

## Solder Process Data

Lead-Free Process Capability	N/A
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## Use with Part(s)

Description	Part Number
Micro-Fit 3.0 Dual Row Plug Housings	<u>43020</u>
Micro-Fit 3.0 Single Row Plug Housings	<u>43640</u>
Micro-Fit BMI Dual Row Plug Housings	<u>44300</u>
Micro-Fit BMI Single Row Plug Housings	<u>46625</u>

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## Application Tooling

### Global

Description	Part Number
Extraction Tool for Micro-Fit Terminals	<u>11030043</u>
Insertion Tool for Micro-Fit 3.0 and CRC Male and Female Crimp Terminals, 30-20 AWG	<u>638120800</u>
PremiumGrade Hand Crimp Tool for Micro-Fit 3.0 Terminals, 30-20 AWG	<u>638190000</u>
FineAdjust Applicator for Insulation OD 1.30-1.85mm, 24-20 AWG Wire	<u>639004500</u>
FineAdjust Applicator for Insulation OD 1.10-1.30mm - 24-20 AWG	<u>639018800</u>
FineAdjust Applicator for Micro-Fit 3.0 Terminals, for 24-20 AWG Wire with Insulation Diameter 0.91-1.09mm	<u>639018900</u>
T2 Terminator for Insulation OD 1.30-1.85mm, 24-20 AWG	<u>639104500</u>
T2 Terminator for Insulation OD 1.10-1.30mm - 24-20 AWG	<u>639118800</u>
T2 Terminator for Insulation OD 0.91-1.09mm - 24-20 AWG	<u>639118900</u>

## Application Tooling

Japan

Description	Part Number
S-1 Applicator for Micro-Fit 3.0 Plug and Receptacle Crimp Terminals, 24-20 AWG	<u>572983700</u>