



Part Number : [430310001](#)
Product Description : Micro-Fit 3.0 Crimp Terminal, Male, with Tin (Sn) Plated Phosphor Bronze Contact, 20-24 AWG, Reel
Series Number : 43031
Status : Active
Product Category : Crimp Terminals
Packaging Alternative : 0430310007 (Bag)



Documents & Resources

Drawings


[Drawing 430310001_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 TS-43045-001-001.pdf](#)

Product Environment Compliance

Compliance

GADSL/IMDS	Compliant with Exemption 44
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(2023)3788-DC (14 Jun 2023)
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

Part Details

General

Status	Active
Category	Crimp Terminals
Series	43031
Description	Micro-Fit 3.0 Crimp Terminal, Male, with Tin (Sn) Plated Phosphor Bronze Contact, 20-24 AWG, Reel
Application	Power, Wire-to-Wire
Product Family	Micro-Fit Connector System
Product Name	Micro-Fit 3.0
UPC	800753683679

Electrical

Current - Maximum per Contact	8.5A
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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 mm ²	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>

Application Tooling

Global

Description	Part Number
Hand Crimp Tool	<u>0011010201</u>
Extraction Tool for Micro-Fit Terminals	<u>0011030043</u>
Mini-Mac Applicator	<u>0011182182</u>
Hand Crimp Tool	<u>0638112800</u>
Insertion Tool for Micro-Fit 3.0 and CRC Male and Female Crimp Terminals, 20-30 AWG	<u>0638120800</u>
PremiumGrade Hand Crimp Tool for Micro-Fit 3.0 Terminals, 20-30 AWG	<u>0638190000</u>
FineAdjust Applicator	<u>0638208100</u>
FineAdjust Applicator	<u>0638608100</u>
FineAdjust Applicator for Insulation OD 1.30-1.85mm, 20-24 AWG Wire	<u>0639004500</u>
FineAdjust Applicator for Insulation OD 1.10-1.30mm - 20-24 AWG	<u>0639018800</u>

FineAdjust Applicator for Micro-Fit 3.0 Terminals, for 20-24 AWG Wire with Insulation Diameter 0.91-1.09mm	<u>0639018900</u>
T2 Terminator for Insulation OD 1.30-1.85mm, 20-24 AWG	<u>0639104500</u>
T2 Terminator for Insulation OD 1.10-1.30mm - 20-24 AWG	<u>0639118800</u>
T2 Terminator for Insulation OD 0.91-1.09mm - 20-24 AWG	<u>0639118900</u>
Mini-Mac Fully Tooled for Terminals, 20-24 AWG Wire	<u>0690371196</u>

Application Tooling

Japan

Description	Part Number
S-1 Applicator for Micro-Fit 3.0 Plug and Receptacle Crimp Terminals, 20-24 AWG	<u>0572983700</u>