



Part Number : [430300002](#)

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

Series Number : 43030

Status : Active

Product Category : Crimp Terminals

Packaging Alternative : 0430300008 (Bag)



Documents & Resources

Drawings

[Drawing 430300002_sd.pdf](#)

[Packaging Design Drawing PK-43030-001-001.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](#)

Product Environment Compliance

Compliance

GADSL/IMDS	Not Relevant
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	43030
Description	Micro-Fit 3.0 Crimp Terminal, Female, with Select Gold (Au) Plated Phosphor Bronze Contact, 20-24 AWG, Reel
Application	Power, Wire-to-Board, Wire-to-Wire
Product Family	Micro-Fit Connector System
Product Name	Micro-Fit 3.0
UPC	800753683662

Electrical

Current - Maximum per Contact	8.5A
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Physical

Gender	Female
Material - Metal	Phosphor Bronze
Material - Plating Mating	Gold
Material - Plating Termination	Tin
Net Weight	97.000/mg
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 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 Receptacle Housings	<u>43025</u>
Micro-Fit 3.0 Single Row Receptacle Housings	<u>43645</u>
Micro-Fit BMI Dual Row Receptacle Housings	<u>44133</u>
Micro-Fit BMI Single Row Receptacle Housings	<u>46623</u>
Micro-Fit TPA Single Row Receptacle Housings	<u>171850</u>
Micro-Fit TPA Receptacle Housings	<u>172952</u>

Application Tooling

Global

Description	Part Number
Hand Crimp Tool	<u>0011010200</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>

T2 Terminator Die	<u>0638508100</u>
T2 Terminator Tooling Die	<u>0638590200</u>
T2 Terminator Tooling Die	<u>0638590300</u>
FineAdjust Applicator	<u>0638608100</u>
FineAdjust Applicator	<u>0638690200</u>
FineAdjust Applicator	<u>0638690300</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
Applicator for M211A Bench Press, 20-30 AWG Wire	<u>0572983000</u>
S-1 Applicator for Micro-Fit 3.0 Plug and Receptacle Crimp Terminals, 20-24 AWG	<u>0572983700</u>