molex

Part Number : 430310009

Product Description : Micro-Fit 3.0 Crimp Terminal, Male, with 0.76µm Select Gold (Au) Plated Phosphor Bronze Contact, 24-20 AWG, Bag

Series Number : 43031

Status : Active

Product Category : Crimp Terminals

Packaging Alternative : 430310003 (Reel)

Documents & Resources

Drawings
430310009_sd.pdf
PK-43030-003-001.pdf

Specifications
430450001-PS-KO-000.pdf
430450001-PS-SP-000.pdf
PS-43045-001.pdf
430450005-TS-000.pdf
430450006-TS-000.pdf
430450007-TS-000.pdf
TS-43045-001-001.pdf
TS-43045-002-001.pdf
TS-46235-001-001.pdf

Product Environment Compliance

Compliance

GADSL/IMDS	Compliant with Exemption 44; 34; 33
China RoHS	ⓔ
EU ELV	Not Relevant
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

Part Details

General

Status	Active
Category	Crimp Terminals
Series	43031
Description	Micro-Fit 3.0 Crimp Terminal, Male, with 0.76µm Select Gold (Au) Plated Phosphor Bronze Contact, 24-20 AWG, Bag
Application	Power, Wire-to-Wire
Product Name	Micro-Fit 3.0
UPC	800754369589

Electrical

Current - Maximum per Contact	8.5A

Physical

Gender	Male
Material - Metal	Phosphor Bronze
Material - Plating Mating	Gold
Material - Plating Termination	Tin
Net Weight	0.061/g
Packaging Type	Bag
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 mm²	N/A

Use with Part(s)

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

Application Tooling

Global

Description	Part Number
Extraction Tool for Micro-Fit Terminals	11030043
Insertion Tool for Micro-Fit 3.0 and CRC Male and Female Crimp Terminals, 30-20 AWG	638120800
PremiumGrade Hand Crimp Tool for Micro-Fit 3.0 Terminals, 30-20 AWG	638190000

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