Part Number : 430300039

Product Description : Micro-Fit 3.0 Crimp Terminal, Female, with 0.38µm Select Gold (Au) Plated Phosphor Bronze Contact, 18 AWG, .073in / 1.85mm Max Insulation Outside Diameter, Reel

Series Number : 43030

Status : Active

Product Category : Crimp Terminals

Documents & Resources

Drawings

Drawing_430300039_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	Not Relevant
Low-Halogen Status	Low-Halogen per IEC 61249-2-21
REACH SVHC	Not Contained per D(2023)8585-DC (23 Jan 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	43030
Description	Micro-Fit 3.0 Crimp Terminal, Female, with 0.38µm Select Gold (Au) Plated Phosphor Bronze Contact, 18 AWG, .073in / 1.85mm Max Insulation Outside Diameter, Reel
Application	Power, Wire-to-Board, Wire-to-Wire
Comments	Part Number 430300039 is Designed for 18 AWG 1061 Style Wire or a .073/1.85 Maximum Insulation Outside Diameter
Product Family	Micro-Fit Connector System
Product Name	Micro-Fit 3.0
UPC	193264107841

Electrical

Current - Maximum per Contact	8.5A

Physical

Gender	Female
Material - Metal	Phosphor Bronze
Material - Plating Mating	Gold
Material - Plating Termination	Tin
Net Weight	103.500/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)	18
Wire Size mm^2	0.75

Solder Process Data

Lead-Free Process Capability	N/A

Use with Part(s)

Description	Part Number
Micro-Fit 3.0 Dual Row Receptacle Housings	43025
Micro-Fit 3.0 Single Row Receptacle Housings	43645
Micro-Fit BMI Dual Row Receptacle Housings	44133

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, 20-30 AWG	638120800
Hand Crimp Tool for Micro-Fit 3.0 Female Crimp Terminals, 0.75mm^2 and 18AWG (UL1061) wires	638280200
FineAdjust Applicator for Micro-Fit 3.0 and Micro-Fit Plus Terminals, for 0.75mm^2 and 18 AWG (UL1061) Wires with Insulation Diameter 1.40-1.85mm	639025800