



Part Number : [430310007](#)

Product Description : Micro-Fit 3.0 Crimp Terminal, Male, with Tin (Sn) Plated Phosphor Bronze Contact, 20-24 AWG, Bag

Series Number : 43031

Status : Active

Product Category : Crimp Terminals

Packaging Alternative : 0430310001 (Reel)



Documents & Resources

Drawings

[Drawing 430310007_sd.pdf](#)

[Packaging Design Drawing PK-43030-003-001.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	Not Relevant
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	New Business Not Supported
Category	I/O Cable Assemblies
Series	68768
Description	USB On-The-Go (OTG) Shielded I/O Cable Assembly, USB A-to-Mini B, USB 2.0, 1.0m Length, Black
Assembly Configuration	Dual Ended Connectors
Connector to Connector	USB Type A-to-Mini-B
Product Family	USB Connectors: USB Type-A, USB Type-B, and USB Type-C Plugs and Receptacles
Product Name	USB
UPC	800756208954

Electrical

Current - Maximum per Contact	1.0A
Shielded	Yes
Voltage - Maximum	30V

Physical

Cable Length	1.0m
Circuits (Loaded)	5
Circuits (maximum)	5
Color - Resin	Black
Gender	Male-Male
Lock to Mating Part	Yes

Material - Plating Mating	Gold
Material - Plating Termination	Tin
Material - Resin	Polyester
Net Weight	40.000/g
Packaging Type	Bag
Plating min - Mating	0.762µm
Plating min - Termination	4.064µm
Single Ended	No
Wire/Cable Type	Round
Wire Insulation Diameter	N/A
Wire Size (AWG)	28

Solder Process Data

Max-Duration	60
Lead-Free Process Capability	N/A
Max-Cycle	2
Max-Temp	260

Mates With / Use With

Mates with Part(s)

Description	Part Number
Mini USB Vertical B-Receptacles	<u>500075</u>
Mini USB Right-Angle B-Receptacles	<u>54819</u>
Mini USB Right-Angle B-Receptacles	<u>67503</u>
USB Shielded I/O Type A Receptacles	<u>67329</u>
USB Shielded I/O Type A Upright Right-Angle Receptacles	<u>89485</u>

Global

Description	Part Number
Extraction Tool for Micro-Fit Terminals	<u>0011030043</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>

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