Part Number : 2159530021
Product Description : Micro-Fit+ Crimp Terminal, Male, Matte Tin (Sn) Plating, 24-20 AWG
Series Number : 215953
Status : Active
Product Category : Crimp Terminals



Documents and Resources

Drawings

2159530021_sd.pdf

STEP AP242

SOLIDWORKS

Creo

Specifications

2064600001-AS-000.pdf

2159530000-PS-000.pdf

2064600001-TS-000.pdf

2159530000-TS-000.pdf

Product Environment Compliance

Compliance

GADSL/IMDS	Compliant with Exemption 44; 33; 34
China RoHS	per SJ/T 11365-2006
EU ELV	Not Relevant
Low-Halogen Status	Low-Halogen per IEC 61249-2-21
REACH SVHC	Not Contained per D(2025)7771-DC (04 Feb 2026)
EU RoHS	Compliant per EU 2015/863

Compliance Statements

- EU RoHS
- REACH SVHC
- Low-Halogen

Industry Documents

- IPC 1752A Class C
- IPC 1752A Class D
- Molex Product Compliance Declaration
- IEC-62474
- chemSHERPA (xml)

Substances of Interest
- PFAS

EU RoHS Certificate of Compliance

Additional Product Compliance Information

Part Details

General

Status	Active
Category	Crimp Terminals
Series	215953
Description	Micro-Fit+ Crimp Terminal, Male, Matte Tin (Sn) Plating, 24-20 AWG
Application	Wire-to-Wire
Product Name	Micro-Fit+
UPC	193264917600

Electrical

Current - Maximum per Contact	7.8A
Voltage - Maximum	600V AC (RMS)/DC

Physical

Durability (mating cycles max)	25
Gender	Male
Material - Metal	High Conductivity Copper
Material - Plating Mating	Matte Tin
Material - Plating Termination	Matte Tin
Net Weight	0.070/g
Packaging Type	Reel
Plating min - Mating	1.524µm
Plating min - Termination	1.524µm
Termination Interface Style	Crimp or Compression

Wire Insulation Diameter	1.85mm
Wire Size (AWG)	20, 22, 24
Wire Size mm^2	N/A

Mates With / Use With

Use with Part(s)

Description	Part Number
Micro-Fit+ Dual Row Plug Housings	215922
Micro-Fit+ Single Row Plug Housings	223794

Application Tooling

Global

Description	Part Number
FineAdjust Applicator for Micro-Fit+ Crimp Terminals, 24-20 AWG, Insulation OD 0.90-1.10mm	2037023500
FineAdjust Applicator for Micro-Fit+ Crimp Terminals, 24-20 AWG, Insulation OD 1.11-1.30mm	2037023600
FineAdjust Applicator for Micro-Fit+ Crimp Terminals, 24-20 AWG, Insulation OD 1.31-1.85mm	2037023700
Hand Crimp Tool for Micro-Fit Crimp Terminals, 20 AWG, UL1007 and UL1061 Wires	2133094500
Hand Crimp Tool for Micro-Fit Crimp Terminals, 22 AWG, UL1007 and UL1061 Wires	2133094600
Hand Crimp Tool for Micro-Fit+ Crimp Terminals, 24 AWG, UL 1007 and UL 1061 Wires	2133094700