molex

Part Number : 39000223

Product Description : Mini-Fit Male Crimp Terminal, Phosphor Bronze, Gold (Au), 16 AWG, Reel

Series Number : 5558

Status : Active

Product Category : Crimp Terminals

Engineering Number : 5558PBGS3

Packaging Alternative : 39000224 (Bag)

Documents & Resources

Drawings

039000223_sd.pdf
55580001-PK-000.pdf

Specifications

55560001-AS-000.pdf
55560002-AS-000.pdf
55560002-PS-CH-000.pdf
55560002-PS-ES-000.pdf
55560002-PS-SK-000.pdf
55560008-TS-000.pdf
PS-5556-001-001.pdf
PS-5556-002-001.pdf
55560001-TS-000.pdf
55560010-TS-000.pdf
TS-5556-002-001.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(2024)7663-DC (21 Jan 2025)

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	5558
Description	Mini-Fit Male Crimp Terminal, Phosphor Bronze, Gold (Au), 16 AWG, Reel
Application	Power, Wire-to-Wire
Product Name	Mini-Fit
UPC	800753833401

Electrical

Current - Maximum per Contact	9.0A
Voltage - Maximum	600V

Physical

Durability (mating cycles max)	30
Gender	Male
Material - Metal	Phosphor Bronze
Material - Plating Mating	Gold
Material - Plating Termination	Tin
Net Weight	126.914/mg

Packaging Type	Reel
Termination Interface Style	Crimp or Compression
Wire Insulation Diameter	1.80-3.10mm
Wire Size (AWG)	16
Wire Size mm²	N/A

Use with Part(s)

Description	Part Number
Mini-Fit Jr. Plug Housings	5559
Mini-Fit BMI Dual Row Plug Housings	42475
Mini-Fit Jr. Dual Row Plug Housings	46993

Application Tooling

Global

Description	Part Number
Extraction Tool for Mini-Fit Jr. Terminals	11030044
Hand Crimp Tool for Mini-Fit Jr. Male and Female Crimp Terminals, 16 AWG	2002182200
FineAdjust Applicator for Insulation OD 2.20-2.45mm, 16 AWG	639039400
FineAdjust Applicator for Insulation OD 2.60-3.15mm, 16 AWG	639041400
FineAdjust Applicator for Insulation OD 1.80-2.20mm, 16 AWG	639041500
FineAdjust Crimp Applicator for Mini-Fit Crimp Terminals, 22+20, 20+20 and 22+18 AWG, UL 1007 Wires Only	2037022100
FineAdjust Crimp Applicator for Mini-Fit Crimp Terminals, 22+20, 20+20 and 22+18 AWG, UL 1061 Wires Only	2037022200

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