molex



Part Number : 39000084
Product Description : Mini-Fit Male Crimp Terminal, Matte Tin (Sn) Plated Phosphor Bronze, 16 AWG, Bag
Series Number : 5558
Status : Active
Product Category : Crimp Terminals
Engineering Part Number : 5558PBT3L
Packaging Alternative : 39000083 (Reel)

Documents and Resources

Drawings

039000084_sd.pdf

PK-5556-003-001.pdf

STEP AP242

SOLIDWORKS

Creo

Specifications

55560001-AS-000.pdf

55560002-AS-000.pdf

55560002-PS-CH-000.pdf

55560002-PS-ES-000.pdf

55560002-PS-SK-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	Compliant with Exemption 44; 34
China RoHS	

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	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	5558
Description	Mini-Fit Male Crimp Terminal, Matte Tin (Sn) Plated Phosphor Bronze, 16 AWG, Bag
Application	Power, Wire-to-Wire
Product Name	Mini-Fit
UPC	800754394628

Electrical

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

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Physical

Durability (mating cycles max)	30
Gender	Male
Material - Metal	Phosphor Bronze
Material - Plating Mating	Matte Tin
Material - Plating Termination	Matte Tin
Net Weight	0.120/g
Packaging Type	Bag
Plating min - Mating	0.900µm
Plating min - Termination	0.900µm
Termination Interface Style	Crimp or Compression
Wire Insulation Diameter	1.80-3.10mm
Wire Size (AWG)	16
Wire Size mm^2	N/A

Mates With / Use With

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

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Japan

Description	Part Number
Hand Crimp Tool	570225300
Straight-Action Hand Crimp Tool	570225400

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