molex



Part Number : 39000208
Product Description : Mini-Fit Female Crimp Terminal, Tin (Sn) over Nickel (Ni), 24-18 AWG, Bag
Series Number : 5556
Status : Not Recommended For New Design
Product Category : Crimp Terminals
Engineering Part Number : 5556-SPL

Documents and Resources

Drawings

PK-5556-003-001.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
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 33
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)

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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	Not Recommended For New Design
Category	Crimp Terminals
Series	5556
Description	Mini-Fit Female Crimp Terminal, Tin (Sn) over Nickel (Ni), 24-18 AWG, Bag
Application	Wire-to-Board, Wire-to-Wire
Product Name	Mini-Fit
UPC	800753831919

Electrical

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

Physical

Durability (mating cycles max)	30
Gender	Female

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Material - Metal	Brass
Material - Plating Mating	Tin
Material - Plating Termination	Tin
Net Weight	0.130/g
Packaging Type	Bag
Plating min - Mating	2.540µm
Plating min - Termination	1.270µm
Termination Interface Style	Crimp or Compression
Wire Insulation Diameter	1.30-3.10mm
Wire Size (AWG)	18, 20, 22, 24
Wire Size mm^2	N/A

Solder Process Data

Lead-Free Process Capability	N/A

Mates With / Use With

Use with Part(s)

Description	Part Number
Mini-Fit TPA Dual Row Receptacle Housings	30067
Mini-Fit BMI Dual Row Receptacle Housings	42474
Mini-Fit Jr. Receptacle Housings	5557

Application Tooling

Global

Description	Part Number
Extraction Tool for Mini-Fit Jr. Terminals	11030044
PremiumGrade Hand Crimp Tool for Mini-Fit Jr. Male and Female Terminals, 24-18 AWG	638190901

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