Part Number : 39000218
Product Description : Mini-Fit Female Crimp Terminal, Tin (Sn) over Phosphor Bronze, 16 AWG, Bag
Series Number : 5556
Status : Active
Product Category : Crimp Terminals
Engineering Number : 5556-PBS3PL
Packaging Alternative : 0039000217 (Reel)



Documents & Resources

Drawings

Drawing 039000218_sd.pdf
Packaging Design Drawing PK-5556-003-001.pdf

Specifications

Application Specification 55560001-AS-000.pdf
Product Specification 55560002-PS-ES-000.pdf
Product Specification PS-5556-002-001.pdf
Product Specification 55560002-PS-CH-000.pdf
Product Specification 55560002-PS-SK-000.pdf
Product Specification PS-5556-001-001.pdf
Test Summary TS-5556-002-001.pdf
Test Summary 55560010-TS-000.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(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	Active
Category	Crimp Terminals
Series	5556
Description	Mini-Fit Female Crimp Terminal, Tin (Sn) over Phosphor Bronze, 16 AWG, Bag
Application	Power, Wire-to-Board, Wire-to-Wire
Product Family	Mini-Fit Family Power Connectors
Product Name	Mini-Fit
UPC	800753832589

Electrical

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

Physical

Durability (mating cycles max)	30
Gender	Female
Material - Metal	Phosphor Bronze
Material - Plating Mating	Tin
Material - Plating Termination	Tin
Net Weight	0.133/g
Packaging Type	Bag

Plating min - Mating	2.540µm
Plating min - Termination	1.270µm
Termination Interface Style	Crimp or Compression
Wire Insulation Diameter	1.80-3.10mm
Wire Size (AWG)	16
Wire Size mm^2	N/A

Solder Process Data

Lead-Free Process Capability	N/A

Use with Part(s)

Description	Part Number
Mini-Fit Jr. Receptacle Housings	5557
Mini-Fit BMI Dual Row Receptacle Housings	44516
Mini-Fit BMI Dual Row Receptacle Housings	42474
Mini-Fit BMI Dual Row Receptacle Housings	43760

Application Tooling

Global

Description	Part Number
Extraction Tool for Mini-Fit Jr. Terminals	0011030044
Hand Crimp Tool for Mini-Fit Jr. Male and Female Crimp Terminals, 16 AWG	2002182200