



Part Number : [39000215](#)
Product Description : Mini-Fit Female Crimp
Terminal, Tin (Sn) over Phosphor Bronze, 28-
22 AWG, Reel
Series Number : 5556
Status : Active
Product Category : Crimp Terminals
Engineering Number : 5556-PBS2P
Packaging Alternative : [39000216 \(Bag\)](#)




Documents & Resources

Drawings
[039000215_sd.pdf](#)
[55560001-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	Compliant with Exemption 44; 33
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
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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, 28-22 AWG, Reel
Application	Power, Wire-to-Board, Wire-to-Wire
Product Name	Mini-Fit
UPC	800754396233

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	186.000/mg

Packaging Type	Reel
Plating min - Mating	2.540µm
Plating min - Termination	1.270µm
Termination Interface Style	Crimp or Compression
Wire Insulation Diameter	0.90-1.80mm
Wire Size (AWG)	22, 24, 26, 28
Wire Size mm ²	N/A

Solder Process Data

Lead-Free Process Capability	N/A
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Use with Part(s)

Description	Part Number
Mini-Fit Jr. Receptacle Housings	<u>5557</u>
Mini-Fit BMI Dual Row Receptacle Housings	<u>44516</u>
Mini-Fit BMI Dual Row Receptacle Housings	<u>42474</u>
Mini-Fit BMI Dual Row Receptacle Housings	<u>43760</u>
Mini-Fit Jr. Dual Row Receptacle Housings	<u>46992</u>

Application Tooling

Global

Description	Part Number
PremiumGrade Hand Crimp Tool for Mini-Fit Jr. Male and Female Terminals, 28-22 AWG	<u>638191000</u>
FineAdjust Applicator for Insulation Diameter 1.30-1.50mm, 28-22 AWG Wire	<u>639002700</u>
FineAdjust Applicator for Insulation OD 1.10-1.30mm - 28-22 AWG	<u>639020200</u>
FineAdjust Applicator for Insulation OD 0.95-1.08mm - 28-22 AWG	<u>639023800</u>
T2 Terminator for Insulation OD 1.30-1.50mm, 28-22 AWG	<u>639102700</u>

T2 Terminator for insulation OD 1.10-1.30mm - 28-22 AWG	<u>639120200</u>
T2 Terminator for Insulation Diameter 0.95-1.08mm, 28-22 AWG	<u>639123800</u>