



**Part Number :** [39000066](#)  
**Product Description :** Mini-Fit Female Crimp Terminal, Tin (Sn) over Phosphor Bronze, 28-22 AWG, Bag  
**Series Number :** 5556  
**Status :** Active  
**Product Category :** Crimp Terminals  
**Engineering Number :** 5556PBT2L  
**Packaging Alternative :** [39000065](#) (Reel)




## Documents & Resources

**Drawings**  
[039000066\\_sd.pdf](#)  
[PK-5556-003-001.pdf](#)

**Specifications**  
[55560001-AS-000.pdf](#)  
[PS-54111-002-001.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	
EU ELV	Not Relevant
Low-Halogen Status	Low-Halogen per IEC 61249-2-21
REACH SVHC	Not Contained per D(2024)4144-DC (27 June 2024)
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

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### Part Details

#### General

Status	Active
Category	Crimp Terminals
Series	5556
Description	Mini-Fit Female Crimp Terminal, Tin (Sn) over Phosphor Bronze, 28-22 AWG, Bag
Application	Power, Wire-to-Board, Wire-to-Wire
Product Name	Mini-Fit
UPC	800754393980

#### 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	128.200/mg
Packaging Type	Bag
Plating min - Mating	0.889µm

Plating min - Termination	0.914µm
Termination Interface Style	Crimp or Compression
Wire Insulation Diameter	0.90-1.80mm
Wire Size (AWG)	22, 24, 26, 28
Wire Size mm <sup>2</sup>	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
Extraction Tool for Mini-Fit Jr. Terminals	<u>11030044</u>
PremiumGrade Hand Crimp Tool for Mini-Fit Jr. Male and Female Terminals, 28-22 AWG	<u>638191000</u>

## Application Tooling

### Japan

Description	Part Number
Handtool - Straight Action	<u>570385300</u>
Hand Crimp Tool	<u>570645000</u>

