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Part Number: [39-00-0213](#)
Status: **Active**
Overview: [Mini-Fit Jr.™ Power Connectors](#)
Description: Mini-Fit® Female Crimp Terminal, Tin (Sn) over Phosphor Bronze, 18-24 AWG, Reel

Documents:

| | |
|---|---|
| Drawing (PDF) | Packaging Specification PK-5556-001 (PDF) |
| Product Specification PS-5556-001 (PDF) | Test Summary TS-5556-002 (PDF) |
| Product Specification PS-5556-002 (PDF) | RoHS Certificate of Compliance (PDF) |

General

| | |
|-------------------------|--|
| Product Family | Crimp Terminals |
| Series | 5556 |
| Application | Power |
| Crimp Quality Equipment | Yes |
| Overview | Mini-Fit Jr.™ Power Connectors |
| Product Name | Mini-Fit® |
| UPC | 800754319577 |

Physical

| | |
|--------------------------------|----------------------|
| Durability (mating cycles max) | 30 |
| Gender | Female |
| Material - Metal | Phosphor Bronze |
| Material - Plating Mating | Tin |
| Material - Plating Termination | Tin |
| Net Weight | 0.140/g |
| Packaging Type | Reel |
| 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 mm² | N/A |

Electrical

| | |
|-------------------------------|------|
| Current - Maximum per Contact | 9A |
| Voltage - Maximum | 600V |

Material Info

| | |
|-----------------|-----------|
| Old Part Number | 5556-PBSP |
|-----------------|-----------|

Reference - Drawing Numbers

| | |
|-------------------------|--------------------------|
| Packaging Specification | PK-5556-001 |
| Product Specification | PS-5556-001, PS-5556-002 |
| Sales Drawing | SD-5556-SP* |
| Test Summary | TS-5556-002 |



EU RoHS

**ELV and RoHS
Compliant**

**REACH SVHC
Contains SVHC: No
Low-Halogen Status
Low-Halogen**

China RoHS



**Need more information on product
environmental compliance?**

Email productcompliance@molex.com
 For a multiple part number RoHS Certificate of Compliance, [click here](#)

Please visit the [Contact Us](#) section for any non-product compliance questions.

Search Parts in this Series

[5556Series](#)

Mates With

[5558](#) Mini-Fit® Crimp Male Terminals. Mini-Fit Jr.™ Header, Dual Row, [5566](#) , [5569](#)

Use With

[5557](#) Mini-Fit Jr.™ Receptacle Housing, [30067](#) Mini-Fit® TPA, [42474](#) Mini-Fit® BMI Panel Mount, [5559](#) Mini-Fit Jr.™ Plug Housing, Dual Row

Application Tooling | FAQ

Tooling specifications and manuals are found by selecting the products below. Crimp Height Specifications are then contained in the Application Tooling Specification document.

Global

| Description | Product # |
|---|----------------------------|
| Hand Crimp Tool for Male and Female Crimp Terminals, 16-24 AWG Wire | 0638190900 |

| | |
|--|-------------------|
| FineAdjust™ | <u>0639023900</u> |
| Applicator for Insulation OD 1.40-1.70mm - 18-24 AWG | |
| T2 Terminator™ for insulation OD 1.65 – 2.05mm – 18 – 24 AWG | <u>0639102900</u> |
| T2 Terminator™ for insulation OD 1.40-1.70mm - 18-24 AWG | <u>0639123900</u> |
| FineAdjust™ | <u>0639024800</u> |
| Applicator for Insulation OD 2.50-2.95mm Optimized for 18 AWG Only | |
| T2 Terminator™ for insulation OD 1.90-2.30mm - 18-24 AWG | <u>0639115600</u> |
| Extraction Tool | <u>0011030044</u> |
| FineAdjust™ | <u>0639002600</u> |
| Applicator for Insulation OD 2.50-2.95mm - 18-24 AWG | |
| FineAdjust™ | <u>0639002900</u> |
| Applicator for Insulation OD 1.65-2.05mm - 18-24 AWG | |
| T2 Terminator™ for insulation OD 2.50-2.95mm - 18-24 AWG | <u>0639102600</u> |
| T2 Terminator™ for insulation OD 2.50-2.95mm optimized for 18 AWG only | <u>0639124800</u> |
| FineAdjust™ | <u>0639015600</u> |
| Applicator for Insulation OD 1.90-2.30mm - 18-24 AWG | |
| FineAdjust™ | <u>0639024900</u> |
| Applicator for Insulation OD 2.30-2.60mm - 18-24 AWG | |
| T2 Terminator™ for insulation OD 2.30-2.60mm - 18-24 AWG | <u>0639124900</u> |

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