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Part Number: [39-00-0079](#)
Status: **Active**
Overview: [Mini-Fit Jr.™](#)
Description: Mini-Fit® Female Crimp Terminal, Tin (Sn) over Phosphor Bronze, 16 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.™ |
| Packaging Alternative | 39-00-0080 (Loose) |
| Product Name | Mini-Fit® |
| UPC | 800753749986 |

Physical

| | |
|--------------------------------|----------------------|
| Durability (mating cycles max) | 30 |
| Gender | Receptacle |
| Material - Metal | Phosphor Bronze |
| Material - Plating Mating | Tin |
| Material - Plating Termination | Tin |
| Net Weight | 130.000/mg |
| Packaging Type | Reel |
| Plating min - Mating | 0.889µm |
| Plating min - Termination | 0.914µm |
| Termination Interface: Style | Crimp or Compression |
| Wire Insulation Diameter | 1.80-3.10mm |
| Wire Size AWG | 16 |
| Wire Size mm² | N/A |

Electrical

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

Material Info

| | |
|-----------------|----------|
| Old Part Number | 5556PBT3 |
|-----------------|----------|

Reference - Drawing Numbers

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



image - Reference only

Series

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 # |
|-------------------------------------|----------------------------|
| Extraction Tool | 0011030044 |
| Hand Crimp Tool for Male and Female | 0638190900 |

| | |
|---|-------------------|
| Crimp Terminals, 16-24 AWG Wire FineAdjust™ Applicator for Insulation OD 2.60-3.15mm Optimized for 16 AWG Only | <u>0639002800</u> |
| FineAdjust™ Applicator for Insulation OD 2.20-2.45mm Optimized for 16 AWG Only | <u>0639003000</u> |
| FineAdjust™ Applicator for Insulation OD 1.80-2.20mm Optimized for 16 AWG Only | <u>0639015300</u> |
| T2 Terminator™ for insulation OD 2.60-3.15mm optimized for 16 AWG only | <u>0639102800</u> |
| T2 Terminator™ for insulation OD 2.20-2.45mm optimized for 16 AWG only | <u>0639103000</u> |

Japan

| Description | Product # |
|---|-------------------|
| Applicator for M21 1A Bench Press, 18-24 AWG Wire | <u>0570223000</u> |
| Side-Feed Applicator For Full-Auto Machine | <u>0570223200</u> |

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