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Part Number: [39-00-0059](#)
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 \(PDF\)](#)
[Product Specification PS-51010-003 \(PDF\)](#)
[Product Specification PS-51010-004 \(PDF\)](#)
[Product Specification PS-51045-003 \(PDF\)](#)
[Product Specification PS-52252-001 \(PDF\)](#)
[Product Specification PS-54849-004 \(PDF\)](#)
- [Product Specification PS-5556-001 \(PDF\)](#)
[Product Specification PS-5556-002 \(PDF\)](#)
[Packaging Specification PK-5556-001 \(PDF\)](#)
[Test Summary TS-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
Packaging Alternative	39-00-0060 (Loose)
Product Name	Mini-Fit®
UPC	800753584662

Physical

Durability (mating cycles max)	30
Gender	Receptacle
Material - Metal	Phosphor Bronze
Material - Plating Mating	Tin
Material - Plating Termination	Tin
Net Weight	0.127/g
Packaging Type	Reel
Plating min - Mating	0.889µm
Plating min - Termination	0.914µm
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	5556PBT
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Reference - Drawing Numbers

Packaging Specification	PK-5556-001
Product Specification	PS-51010-003, PS-51010-004, PS-51045-003, PS-52252-001, PS-54849-004, PS-5556-001, PS-5556-002, RPS-501566-001, RPS-51010-013, RPS-51045-002, RPS-54269-004, RPS-5557-001, RPS-5557-004, RPS-5557-027, RPS-5557-034, RPS-5557-035, RPS-5557-044, RPS-5557-045, RPS-5557-048, RPS-5557-049, RPS-5557-054
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 #
FineAdjust™ Applicator for Insulation OD	0639023900

	1.40-1.70mm - 18-24 AWG Extraction Tool <u>0011030044</u> Hand Crimp Tool for <u>0638190900</u> Male and Female Crimp Terminals, 16-24 AWG Wire 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 FineAdjust™ <u>0639015600</u> Applicator for Insulation OD
	1.90-2.30mm - 18-24 AWG FineAdjust™ <u>0639024800</u> Applicator for Insulation OD
	2.50-2.95mm Optimized for 18 AWG Only FineAdjust™ <u>0639024900</u> Applicator for Insulation OD
	2.30-2.60mm - 18-24 AWG T2 Terminator™ <u>0639102600</u> for insulation OD
	2.50-2.95mm - 18-24 AWG T2 Terminator™ for <u>0639102900</u> insulation OD 1.65 – 2.05mm – 18 – 24
	AWG T2 Terminator™ <u>0639115600</u> for insulation OD
	1.90-2.30mm - 18-24 AWG T2 Terminator™ <u>0639123900</u> for insulation OD
	1.40-1.70mm - 18-24 AWG T2 Terminator™ <u>0639124800</u> for insulation OD
	2.50-2.95mm optimized for 18 AWG only T2 Terminator™ <u>0639124900</u> for insulation OD
	2.30-2.60mm - 18-24 AWG
	Japan
	Description Product #
	Applicator for M211A <u>0570223000</u> Bench Press, 18-24 AWG Wire

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