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Part Number: [0039000181](#)
Status: **Active**
Overview: Mini-Fit Jr.™ Power Connectors
Description: Mini-Fit® Female Crimp Terminal, Selective Gold (Au) 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
Packaging Alternative	39-00-0182 (Loose)
Product Name	Mini-Fit®
UPC	800755527933

Physical

Durability (mating cycles max)	30
Gender	Female
Material - Metal	Phosphor Bronze
Material - Plating Mating	Gold
Material - Plating Termination	Tin
Net Weight	0.130/g
Packaging Type	Reel
Plating min - Mating	0.762µm
Plating min - Termination	0.762µm
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	9.0A
Voltage - Maximum	600V

Solder Process Data

Lead-freeProcess Capability	N/A
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Material Info

Old Part Number	5556-PBGSP
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Reference - Drawing Numbers

Packaging Specification	PK-5556-001
Product Specification	PS-5556-001, PS-5556-002
Sales Drawing	SD-5556-006
Test Summary	TS-5556-002



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

Compliant

China RoHS

REACH SVHC

Contains SVHC(2015 June 15): No

Halogen-Free

Status

Low-Halogen

Need more information on product environmental compliance?

Email productcompliance@molex.com
Please visit the [Contact Us](#) section for any non-product compliance questions.

China ROHS
ELV

Green Image
Not Relevant

Search Parts in this Series

[5556 Series](#)

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, [44516](#) Mini-Fit® BMI Slide and Lock Panel Mount

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 2.50-2.95mm, 18-24 AWG Wire	<u>0639002600</u>
FineAdjust™ Applicator for Insulation OD 1.65-2.05mm, 18-24 AWG Wire	<u>0639002900</u>
FineAdjust™ Applicator for Insulation OD 1.90-2.30mm - 18-24 AWG	<u>0639015600</u>
FineAdjust™ Applicator for Insulation OD 1.40-1.70mm - 18-24 AWG	<u>0639023900</u>
FineAdjust™ Applicator for Insulation OD 2.30-2.60mm - 18-24 AWG	<u>0639024900</u>
Extraction Tool	<u>0011030044</u>
Hand Crimp Tool for Male and Female Crimp Terminals, 16-24 AWG Wire	<u>0638190900</u>
T2 Terminator™ for insulation OD 1.40-1.70mm - 18-24 AWG	<u>0639123900</u>
T2 Terminator™ for insulation OD 2.30-2.60mm - 18-24 AWG	<u>0639124900</u>
T2 Terminator™ for insulation OD 1.65 – 2.05mm – 18 – 24 AWG	<u>0639102900</u>
FineAdjust™ Applicator for Insulation OD 2.50-2.95mm Optimized for 18 AWG Only	<u>0639024800</u>
T2 Terminator™ for insulation OD 2.50-2.95mm - 18-24 AWG	<u>0639102600</u>
T2 Terminator™ for insulation OD 1.90-2.30mm - 18-24 AWG	<u>0639115600</u>
T2 Terminator™ for insulation OD 2.50-2.95mm optimized for 18 AWG only	<u>0639124800</u>
Japan Description	Product #

Side-Feed Applicator 0570223200
For Full-Auto
Machine
Applicator for M21 1A 0570223000
Bench Press, 18-24
AWG Wire

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