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Part Number: [39-00-0181](#)
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	9A
Voltage - Maximum	600V

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



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

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

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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