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Part Number: [0039000183](#)
Status: **Active**
Overview: [Mini-Fit Jr.™ Power Connectors](#)
Description: [Mini-Fit® Female Crimp Terminal, Selective Gold \(Au\) over Phosphor Bronze, 22-28 AWG, Reel](#)

Documents:

[Drawing \(PDF\)](#) [Packaging Specification PK-5556-001 \(PDF\)](#)
[Product Specification PS-5556-001 \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)
[Product Specification PS-5556-002 \(PDF\)](#)

General

Product Family [Crimp Terminals](#)
Series [5556](#)
Application [Power](#)
Crimp Quality Equipment [Yes](#)
Overview [Mini-Fit Jr.™ Power Connectors](#)
Packaging Alternative [39-00-0184 \(Loose\)](#)
Product Name [Mini-Fit®](#)
UPC [800754395861](#)

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 [0.90-1.80mm](#)
Wire Size AWG [22, 24, 26, 28](#)
Wire Size mm² [N/A](#)

Electrical

Current - Maximum per Contact [9.0A](#)
Voltage - Maximum [600V](#)

Solder Process Data

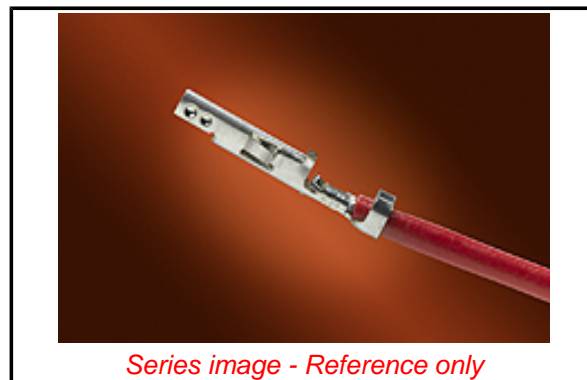
Lead-freeProcess Capability [N/A](#)

Material Info

Old Part Number [5556-PBGS2P](#)

Reference - Drawing Numbers

Packaging Specification [PK-5556-001](#)
Product Specification [PS-5556-001, PS-5556-002](#)
Sales Drawing [SD-5556-006](#)



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

Compliant

REACH SVHC

Not Contained Per -
ED/21/2016 (20 June
2016)

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 #

Extraction Tool	<u>0011030044</u>
Hand Crimp Tool for	<u>0638191000</u>
Crimp Terminals	
FineAdjust™	<u>0639002700</u>
Applicator for	
Insulation OD	
1.30-1.50mm, 22-28	
AWG Wire	
FineAdjust™	<u>0639020200</u>
Applicator for	
Insulation OD	
1.10-1.30mm - 22-28	
AWG	
FineAdjust™	<u>0639023800</u>
Applicator for	
Insulation OD	
0.95-1.08mm - 22-28	
AWG	
T2 Terminator™	<u>0639102700</u>
for insulation OD	
1.30-1.50mm - 22-28	
AWG	
T2 Terminator™	<u>0639120200</u>
for insulation OD	
1.10-1.30mm - 22-28	
AWG	
T2 Terminator™	<u>0639123800</u>
for insulation OD	
0.95-1.08mm - 22-28	
AWG	

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