

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number: [0039000219](#)
Status: **Active**
Overview: [Mini-Fit Jr.™ Power Connectors](#)
Description: [Mini-Fit® Male Crimp Terminal, Phosphor Bronze, Gold \(Au\), 18-24 AWG, Reel](#)

Documents:

[Drawing \(PDF\)](#) [Packaging Specification PK-5558-001 \(PDF\)](#)
[Product Specification PS-5556-002 \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)

General

Product Family [Crimp Terminals](#)
Series [5558](#)
Application [Power](#)
Crimp Quality Equipment [Yes](#)
Overview [Mini-Fit Jr.™ Power Connectors](#)
Packaging Alternative [39-00-0220 \(Loose\)](#)
Product Name [Mini-Fit®](#)
UPC [800754396349](#)

Physical

Durability (mating cycles max) [30](#)
Gender [Male](#)
Material - Metal [Phosphor Bronze](#)
Material - Plating Mating [Gold](#)
Material - Plating Termination [Tin](#)
Net Weight [126.914/mg](#)
Packaging Type [Reel](#)
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

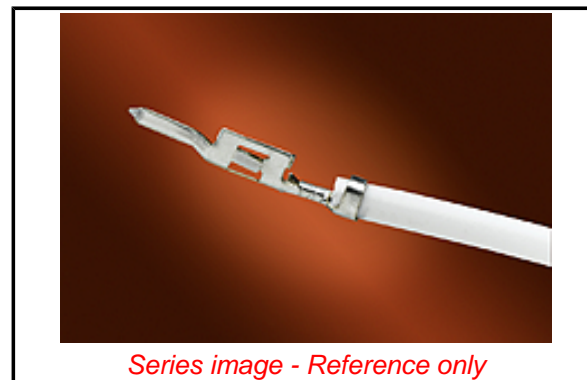
Lead-freeProcess Capability [N/A](#)

Material Info

Engineering Number [5558PBGS](#)

Reference - Drawing Numbers

Packaging Specification [PK-5558-001](#)
Product Specification [PS-5556-002](#)
Sales Drawing [SD-5558-002](#)



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

[5558 Series](#)

Mates With

[5556 Mini-Fit® Crimp Terminal](#)

Use With

[5559 Mini-Fit Jr.™ Plug Housing](#), [30068 Mini-Fit® TPA Plug Housing](#), [42475 Mini-Fit® BMI Plug Housing](#)

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

FineAdjust™
Applicator for

Product #

[0639002900](#)

Insulation OD
 1.65-2.05mm, 18-24
 AWG Wire
 Hand Crimp Tool for [0638190900](#)
 Male and Female
 Crimp Terminals,
 16-24 AWG Wire
 Extraction Tool [0011030044](#)
 FineAdjust™ [0639002600](#)
 Applicator for
 Insulation OD
 2.50-2.95mm, 18-24
 AWG Wire
 FineAdjust™ [0639015600](#)
 Applicator for
 Insulation OD
 1.90-2.30mm - 18-24
 AWG
 FineAdjust™ [0639023900](#)
 Applicator for
 Insulation OD
 1.40-1.70mm - 18-24
 AWG
 FineAdjust™ [0639024900](#)
 Applicator for
 Insulation OD
 2.30-2.60mm - 18-24
 AWG
 T2 Terminator™ [0639102600](#)
 for insulation OD
 2.50-2.95mm - 18-24
 AWG
 T2 Terminator™ for [0639102900](#)
 insulation OD 1.65
 – 2.05mm – 18 – 24
 AWG
 T2 Terminator™ [0639124800](#)
 for insulation OD
 2.50-2.95mm
 optimized for 18
 AWG only
 T2 Terminator™ [0639124900](#)
 for insulation OD
 2.30-2.60mm - 18-24
 AWG
 FineAdjust™ [0639024800](#)
 Applicator for
 Insulation OD
 2.50-2.95mm
 Optimized for 18
 AWG Only
 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

This document was generated on 09/23/2016

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION