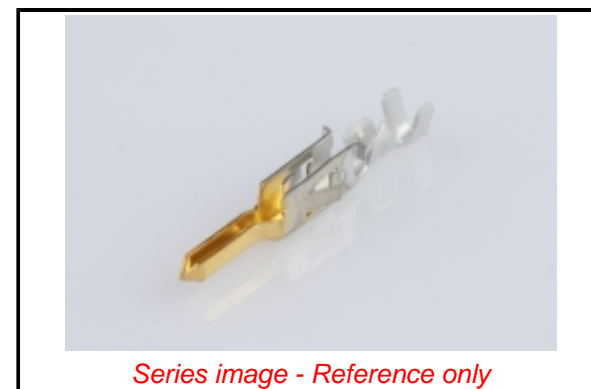


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Part Number: **0039000219**
Status: **Active**
Overview: Mini-Fit Family Power Connectors
Description: Mini-Fit Male Crimp Terminal, Phosphor Bronze, Gold (Au), 18-24 AWG, Reel

Documents:

Drawing (PDF)	Product Specification PS-5556-002-001 (PDF)
Product Specification 55560002-PS-CH-000 (PDF)	Application Specification 55560001-AS-000 (PDF)
Product Specification 55560002-PS-ES-000 (PDF)	Packaging Specification 55580001-PK-000 (PDF)
Product Specification 55560002-PS-SK-000 (PDF)	Test Summary 55560010-TS-000 (PDF)
Product Specification 55560008-TS-000 (PDF)	Test Summary TS-5556-002-001 (PDF)
Product Specification PS-5556-001-001 (PDF)	RoHS Certificate of Compliance (PDF)



General

Product Family	Crimp Terminals
Series	5558
Application	Power, Wire-to-Wire
Crimp Quality Equipment	Yes
Overview	<u>Mini-Fit Family Power Connectors</u>
Packaging Alternative	<u>39000220 (Loose)</u>
Product Name	Mini-Fit
Taxonomy	Crimp Terminals
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 mm ²	N/A

Electrical

Current - Maximum per Contact	9.0A
Voltage - Maximum	600V

Solder Process Data

Lead-free Process Capability	N/A
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Material Info

Engineering Number	5558PBGS
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Reference - Drawing Numbers

Application Specification	55560001-AS-000
Packaging Specification	55580001-PK-000
Product Specification	55560002-PS-CH-000, 55560002-PS-ES-000, 55560002-PS-SK-000, 55560008-TS-000, PS-5556-001-001, PS-5556-002-001
Sales Drawing	SD-5558-002-001
Test Summary	55560010-TS-000, TS-5556-002-001

EU ELV

Not Relevant

EU RoHS

Compliant

REACH SVHC

Not Contained Per -
D(2022)4187-DC (10
June 2022)

Halogen-Free

Status

Low-Halogen

For more information, please visit [Contact US](#)

China ROHS

ELV

RoHS Phthalates

China RoHS

Green Image

Not Relevant

Not Contained

Search Parts in this Series

5558 Series

Use With

Mini-Fit Jr. Plug Housing [5559](#)
Mini-Fit
BMI Plug Housing [42475](#)

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 for Mini-Fit Jr. Terminals	11030044
FineAdjust Applicator for Mini-Fit Double Crimp Applications Using Two 22 AWG Wires	2037026300
PremiumGrade Hand Crimp Tool for Mini-Fit Jr. Male and	638190901

Female Terminals,
 18-24 AWG
 FineAdjust 639015600
 Applicator for 18-20
 AWG and 18-24
 AWG Wires with
 Insulation Diameter
 1.90-2.30mm
 FineAdjust Applicator639023900
 for Insulation OD
 1.40-1.70mm - 18-24
 AWG
 FineAdjust Applicator639024800
 for Insulation OD
 2.50-2.95mm
 Optimized for 18
 AWG Only
 FineAdjust Applicator639024900
 for Insulation OD
 2.30-2.60mm - 18-24
 AWG
 FineAdjust Applicator639047800
 for Insulation OD
 2.50-2.95mm, 18-24
 AWG
 FineAdjust Applicator639048000
 for Insulation OD
 1.65-2.05mm, 18-24
 AWG
 T2 Terminator 639115600
 for insulation OD
 1.90-2.30mm - 18-24
 AWG
 T2 Terminator 639123900
 for insulation OD
 1.40-1.70mm - 18-24
 AWG
 T2 Terminator 639124800
 for insulation OD
 2.50-2.95mm
 optimized for 18
 AWG only
 T2 Terminator 639124900
 for insulation OD
 2.30-2.60mm - 18-24
 AWG
 T2 Terminator 639147800
 for Mini-Fit Crimp
 Terminals, 18-24
 AWG with Large
 Insulation ODs
 T2 Terminator 639148000
 for Mini-Fit Crimp
 Terminals, 18-24
 AWG with Smaller
 Insulation ODs

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