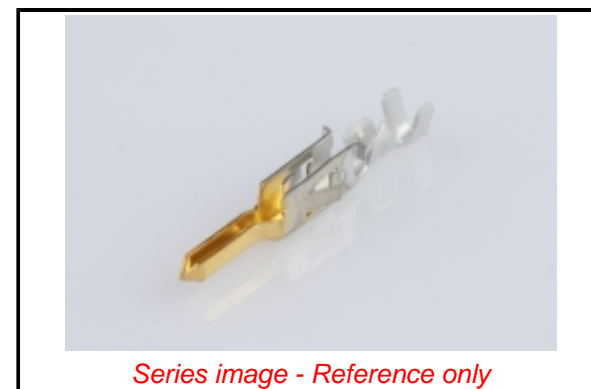


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Part Number: **0039000095**
Status: **Active**
Overview: Mini-Fit Family Power Connectors
Description: Mini-Fit Male Crimp Terminal, Selective Gold (Au) and Selective Tin (Sn) over Nickel (Ni), 16 AWG, Reel

Documents:

Drawing (PDF)	Product Specification PS-58691-004-001 (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)
Product Specification PS-5556-002-001 (PDF)	



Series image - Reference only

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>39000096 (Loose)</u>
Product Name	Mini-Fit
UPC	800754394994

Physical

Durability (mating cycles max)	30
Gender	Male
Material - Metal	Brass
Material - Plating Mating	Gold
Material - Plating Termination	Tin
Net Weight	125.900/mg
Packaging Type	Reel
Plating min - Mating	0.762µm
Plating min - Termination	2.032µm
Termination Interface: Style	Crimp or Compression
Wire Insulation Diameter	1.80-3.10mm
Wire Size AWG	16
Wire Size mm²	N/A

Electrical

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

Material Info

Engineering Number	5558GS3
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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, PS-58691-004-001
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(2021)4569-DC (8
July 2021)

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	<u>11030044</u>
Hand Crimp Tool for Mini-Fit Jr. Male and Female Crimp Terminals, 16 AWG	<u>2002182200</u>
FineAdjust Applicator for Mini-Fit Double Crimp Applications Using Two 20 & 22	<u>2037026200</u>

AWG, 20 & 20 AWG,
 or 18 & 22 AWG
 Wires
 FineAdjust Applicator 639039400
 for Insulation OD
 2.20-2.45mm,
 Optimized for 16
 AWG Only
 FineAdjust Applicator 639041400
 for Mini-Fit Jr., Mini-
 Fit HCS, and Mini-
 Fit Plus HCS Crimp
 Terminals, 16 AWG
 with Large Insulation
 Diameters
 FineAdjust 639041500
 Applicator for Mini-
 Fit Crimp Terminals,
 1.80-2.20mm
 Insulation Diameter
 Wire, 16 AWG,
 1.31mm²
Japan

Description	Product #
Applicator for M21 1A Bench Press, 18-24 AWG Wire	<u>570223000</u>

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[39-00-0095 \(Cut Strip\)](#) [39-00-0095 \(Mouser Reel\)](#)