

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number: [0039000090](#)
Status: **Active**
Overview: [Mini-Fit Jr. Power Connectors](#)
Description: [Mini-Fit Female Crimp Terminal, Gold \(Au\) over Brass, 16 AWG, Bag](#)

Documents:

Drawing (PDF)	Application Specification AS-58696-004-001 (PDF)
Product Specification PS-5556-001-001 (PDF)	Packaging Specification PK-5556-003 (PDF)
Product Specification PS-5556-002-001 (PDF)	Test Summary 55560010-TS-000 (PDF)
Product Specification PS-58691-004-001 (PDF)	Test Summary TS-5556-002-001 (PDF)
Application Specification 55560001-AS-000 (PDF)	RoHS Certificate of Compliance (PDF)



General

Product Family	Crimp Terminals
Series	5556
Application	Power, Wire-to-Board, Wire-to-Wire
Crimp Quality Equipment	Yes
Overview	Mini-Fit Jr. Power Connectors
Packaging Alternative	39000089 (Reel)
Product Name	Mini-Fit
UPC	800754394956

Physical

Durability (mating cycles max)	30
Gender	Female
Material - Metal	Brass
Material - Plating Mating	Gold
Material - Plating Termination	Tin
Net Weight	130.000/mg
Packaging Type	Bag
Plating min - Mating	0.762µm
Plating min - Termination	0.762µm
Termination Interface: Style	Crimp or Compression
Wire Insulation Diameter	1.80-3.10mm
Wire Size AWG	16
Wire Size mm ²	N/A

Electrical

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

Material Info

Engineering Number	5556GS3L
--------------------	----------

Reference - Drawing Numbers

Application Specification	55560001-AS-000, AS-58696-004-001
Packaging Specification	PK-5556-003
Product Specification	PS-5556-001-001, PS-5556-002-001, PS-58691-004-001
Sales Drawing	SD-5556-006-001
Test Summary	55560010-TS-000, TS-5556-002-001

EU ELV

Not Relevant

EU RoHS

Compliant

REACH SVHC

Not Contained Per -
ECHA_01_2020 (16
January 2020

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

[5556 Series](#)

Use With

Mini-Fit Jr. Receptacle Housing [5557](#)

Mini-Fit BMI Slide and Lock Panel
Mount [44516](#)
Mini-Fit BMI Panel Mount
Receptacle Housing
 [42474](#) , [43760](#)

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	11030044
Hand Crimp Tool for Mini-Fit Jr. Male and Female Crimp Terminals, 16 AWG	2002182200

Japan

Description

Product #

Hand Crimp Tool	570225300
-----------------	---------------------------

This document was generated on 03/04/2020

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION