

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number: [0039000096](#)
Status: **Active**
Overview: [Mini-Fit Jr.™ Power Connectors](#)
Description: Mini-Fit® Male Crimp Terminal, Selective Gold (Au) and Selective Tin (Sn) over Nickel (Ni), 16 AWG, Bag

Documents:

Drawing (PDF)	Product Specification TS-5556-002-001 (PDF)
Product Specification PS-5556-001 (PDF)	Application Specification AS-58696-004-001 (PDF)
Product Specification PS-5556-002-001 (PDF)	Packaging Specification PK-5556-003 (PDF)
Product Specification PS-58691-004-001 (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	39-00-0095 (Reel)
Product Name	Mini-Fit®
UPC	800753524934

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	Bag
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	5558GS3L
--------------------	----------

Reference - Drawing Numbers

Application Specification	AS-58696-004-001
Packaging Specification	PK-5556-003
Product Specification	PS-5556-001, PS-5556-002-001, PS-58691-004-001, TS-5556-002-001
Sales Drawing	SD-5558-002



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

Compliant

China RoHS

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	Green Image
ELV	Not Relevant
RoHS Phthalates	Not Contained

Search Parts in this Series

[5558](#) Series

Mates With

[5556](#) Mini-Fit® Crimp Terminal

Use With

[5559](#) Mini-Fit Jr.™ Plug Housing