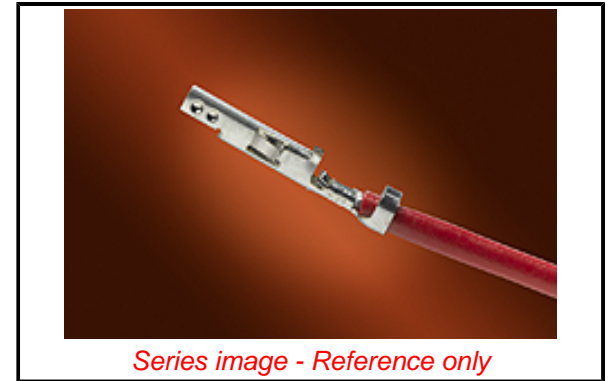


PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number: [0039000429](#)
Status: **Active**
Overview: Mini-Fit Jr. Power Connectors
Description: Mini-Fit Female Crimp Terminal, Selective Gold (Au) and Selective Tin (Sn) over Nickel (Ni), 18-24 AWG, Bag

Documents:

Drawing (PDF)	Product Specification PS-5556-002-001 (PDF)
Product Specification PS-51010-007-001 (PDF)	Product Specification TS-5556-002-001 (PDF)
Product Specification PS-52034-005-001 (PDF)	RoHS Certificate of Compliance (PDF)
Product Specification PS-5556-001-001 (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	39-00-0428 (Reel)
Product Name	Mini-Fit
UPC	822348149407

Physical

Durability (mating cycles max)	30
Gender	Female
Material - Metal	Brass
Material - Plating Mating	Gold
Material - Plating Termination	Tin
Net Weight	0.130/g
Packaging Type	Bag
Plating min - Mating	0.762µm
Plating min - Termination	2.540µm
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	5556GSL7F
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Reference - Drawing Numbers

Product Specification	PS-51010-007-001, PS-52034-005-001, PS-5556-001-001, PS-5556-002-001, TS-5556-002-001
Sales Drawing	SD-5556-006-001

EU ELV

Not Relevant

EU RoHS

Compliant

REACH SVHC

Not Contained Per -
ED/61/2018 (27 June
2018)

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

Mates With

[5558](#) Mini-Fit Crimp Male Terminals. Mini-Fit Jr. Header, Dual Row, [5566](#) , [5569](#)

Use With

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