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Part Number: **0039000429**
Status: **Active**
Overview: Mini-Fit Family 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-5556-001-001 (PDF)
Product Specification 55560002-PS-CH-000 (PDF)	Product Specification PS-5556-002-001 (PDF)
Product Specification 55560002-PS-ES-000 (PDF)	Application Specification 55560001-AS-000 (PDF)
Product Specification 55560002-PS-SK-000 (PDF)	Test Summary 55560010-TS-000 (PDF)
Product Specification PS-51010-007-001 (PDF)	Test Summary TS-5556-002-001 (PDF)
Product Specification PS-52034-005-001 (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 Family Power Connectors
Packaging Alternative	39000428 (Reel)
Product Name	Mini-Fit
Taxonomy	Crimp Terminals
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

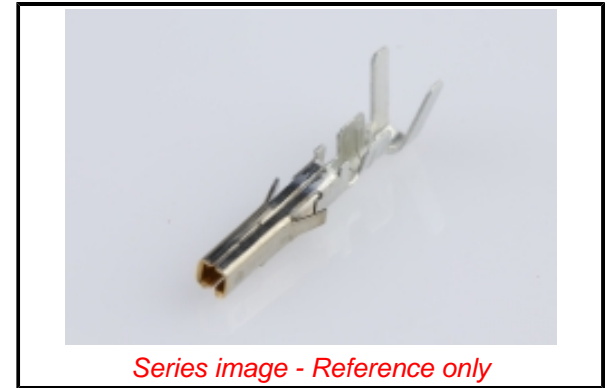
Lead-free Process Capability	N/A
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Material Info

Engineering Number	5556GSL7F
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Reference - Drawing Numbers

Application Specification	55560001-AS-000
Product Specification	55560002-PS-CH-000, 55560002-PS-ES-000, 55560002-PS-SK-000, PS-51010-007-001, PS-52034-005-001, PS-5556-001-001, PS-5556-002-001
Sales Drawing	SD-5556-006-001
Test Summary	55560010-TS-000, TS-5556-002-001



Series image - Reference only

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

[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 for	11030044
Mini-Fit Jr. Terminals	
PremiumGrade Hand	638190901
Crimp Tool for Mini-Fit Jr. Male and Female Terminals,	
18-24 AWG	

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