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Part Number: [0039000039](#)
Status: **Active**
Overview: [Mini-Fit Jr.™ Power Connectors](#)
Description: Mini-Fit® Female Crimp Terminal, Tin (Sn) over Copper (Cu) Plated Brass, 18-24 AWG, Bag

Documents:

Drawing (PDF)	Product Specification PS-5556-001 (PDF)
Product Specification PS-51010-005 (PDF)	Product Specification PS-5556-002 (PDF)
Product Specification PS-51010-006 (PDF)	Test Summary TS-5556-002 (PDF)
Product Specification PS-51096-001 (PDF)	Test Summary TS-5556-005 (PDF)
Product Specification PS-52034-003 (PDF)	RoHS Certificate of Compliance (PDF)
Product Specification PS-52034-004 (PDF)	

General

Product Family	Crimp Terminals
Series	5556
Application	Power
Crimp Quality Equipment	Yes
MolexKits	Yes
Overview	Mini-Fit Jr.™ Power Connectors
Packaging Alternative	39-00-0038 (Reel)
Product Name	Mini-Fit®
UPC	800753585027

Physical

Durability (mating cycles max)	30
Gender	Female
Material - Metal	Brass
Material - Plating Mating	Tin
Material - Plating Termination	Tin
Net Weight	0.130/g
Packaging Type	Bag
Plating min - Mating	0.889µm
Plating min - Termination	0.889µm
Termination Interface: Style	Crimp or Compression
Wire Insulation Diameter	1.30-3.10mm
Wire Size AWG	18, 20, 22, 24
Wire Size mm²	N/A

Electrical

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

Solder Process Data

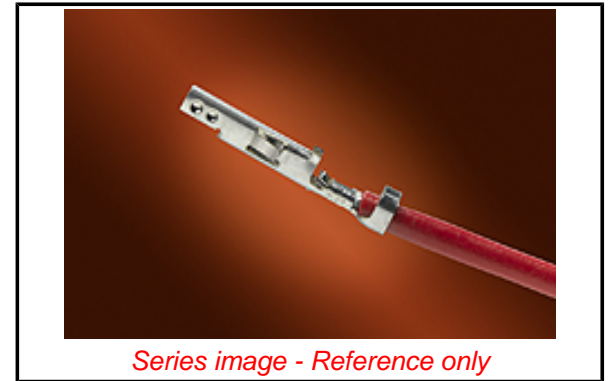
Lead-free Process Capability	N/A
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Material Info

Old Part Number	5556TL
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Reference - Drawing Numbers

Product Specification	PS-51010-005, PS-51010-006, PS-51096-001, PS-52034-003, PS-52034-004, PS-5556-001, PS-5556-002, RPS-30067-001, RPS-30067-002, RPS-5557-024, RPS-5557-031, RPS-5557-050
Sales Drawing	SD-5556****
Test Summary	TS-5556-002, TS-5556-005



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

Compliant

REACH SVHC

Contains SVHC(2015 June 15): No

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
ELV

China RoHS
Green Image
Not Relevant

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, [30067](#) Mini-Fit® TPA, [42474](#) Mini-Fit® BMI Panel Mount, [5559](#) Mini-Fit Jr.™ Plug Housing, Dual Row

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

Extraction Tool

Product #

[0011030044](#)

Hand Crimp Tool for [0638190900](#)
Male and Female
Crimp Terminals,
16-24 AWG Wire

Japan

Description	Product #
Handtool (Straight Action)	0570225500
Hand Extraction Tool	0570316000
Hand Crimp Tool	0570265000

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