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Part Number: [39-00-0041](#)
Status: **Active**
Overview: Mini-Fit Jr.™ Power Connectors
Description: Mini-Fit® Male Crimp Terminal, Tin (Sn) over Copper (Cu) Plated Brass Contact, 18-24 AWG, Bag

Documents:

Drawing (PDF)	Product Specification PS-52034-004 (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)	RoHS Certificate of Compliance (PDF)
Product Specification PS-52034-003 (PDF)	

General

Product Family	Crimp Terminals
Series	5558
Application	Power
Crimp Quality Equipment	Yes
MolexKits	Yes
Overview	Mini-Fit Jr.™ Power Connectors
Packaging Alternative	39-00-0040 (Reel)
Product Name	Mini-Fit®
UPC	800753585034

Physical

Durability (mating cycles max)	30
Gender	Male
Material - Metal	Brass
Material - Plating Mating	Tin
Material - Plating Termination	Tin
Net Weight	123.000/mg
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

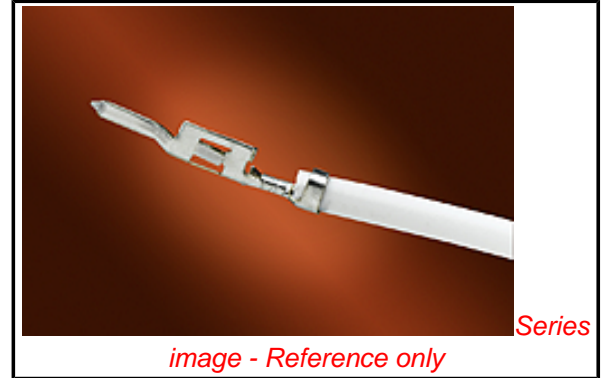
Current - Maximum per Contact	9A
Voltage - Maximum	600V

Material Info

Old Part Number	5558TL
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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-5556-002, RPS-30067-002
Sales Drawing	SD-5558****
Test Summary	TS-5556-002



EU RoHS

ELV and RoHS Compliant

REACH SVHC

Not Reviewed

Low-Halogen Status

Low-Halogen

China RoHS



Need more information on product environmental compliance?

Email productcompliance@molex.com
 For a multiple part number RoHS Certificate of Compliance, [click here](#)

Please visit the [Contact Us](#) section for any non-product compliance questions.

Search Parts in this Series

[5558Series](#)

Mates With

[5556 Mini-Fit® Crimp Terminal](#)

Use With

[5559 Mini-Fit Jr.™ Plug Housing, 30068 Mini-Fit® TPA Plug Housing, 42475 Mini-Fit® BMI Plug Housing](#)

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 #
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Hand Crimp Tool for	0638190900
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Male and Female	
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Crimp Terminals,	
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16-24 AWG Wire	
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Extraction Tool	0011030044
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Japan

Description	Product #
Hand Extraction Tool	<u>0570316000</u>
Handtool (Straight Action)	<u>0570225500</u>
Hand Crimp Tool	<u>0570265000</u>

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