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Part Number: [0039000060](#)
Status: **Active**
Overview: [Mini-Fit Jr.™ Power Connectors](#)
Description: Mini-Fit® Female Crimp Terminal, Tin (Sn) over Phosphor Bronze, 18-24 AWG, Bag

Documents:

Drawing (PDF)	Product Specification PS-54452-006 (PDF)
Product Specification PS-51010-003 (PDF)	Product Specification PS-54452-007 (PDF)
Product Specification PS-51010-004 (PDF)	Product Specification PS-54849-004 (PDF)
Product Specification PS-51045-003 (PDF)	Product Specification PS-5556-001 (PDF)
Product Specification PS-52252-001 (PDF)	Product Specification PS-5556-002 (PDF)
Product Specification PS-54111-001 (PDF)	Test Summary TS-5556-002 (PDF)
Product Specification PS-54111-002 (PDF)	RoHS Certificate of Compliance (PDF)

General

Product Family	Crimp Terminals
Series	5556
Application	Power
Crimp Quality Equipment	Yes
Overview	Mini-Fit Jr.™ Power Connectors
Packaging Alternative	39-00-0059 (Reel)
Product Name	Mini-Fit®
UPC	800753584679

Physical

Durability (mating cycles max)	30
Gender	Female
Material - Metal	Phosphor Bronze
Material - Plating Mating	Tin
Material - Plating Termination	Tin
Net Weight	0.127/g
Packaging Type	Bag
Plating min - Mating	0.889µm
Plating min - Termination	0.914µm
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

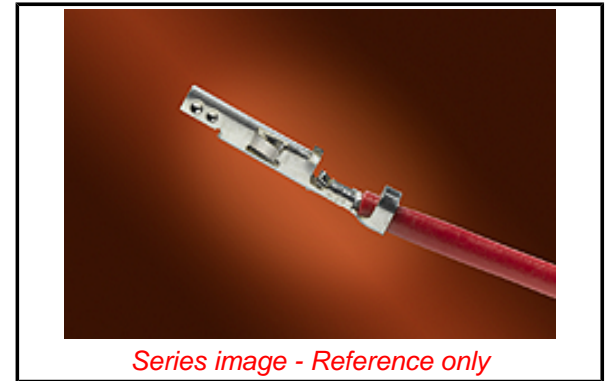
Current - Maximum per Contact	9.0A
Voltage - Maximum	600V

Material Info

Old Part Number	5556PBTL
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Reference - Drawing Numbers

Product Specification	PS-51010-003, PS-51010-004, PS-51045-003, PS-52252-001, PS-54111-001, PS-54111-002, PS-54452-006, PS-54452-007, PS-54849-004, PS-5556-001, PS-5556-002, RPS-51045-002, RPS-52034-001, RPS-54111-002, RPS-54111-004, RPS-54111-005, RPS-54269-004, RPS-54849-001, RPS-5557-001, RPS-5557-027, RPS-5557-054
Sales Drawing	SD-5556****
Test Summary	TS-5556-002



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
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 Crimp Tool	0570265000

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