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

General

Product Family	Crimp Terminals
Series	<u>5556</u>
Application	Power
Crimp Quality Equipment	Yes
Overview	<u>Mini-Fit Jr.™ Power Connectors</u>
Packaging Alternative	<u>39-00-0059 (Reel)</u>
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

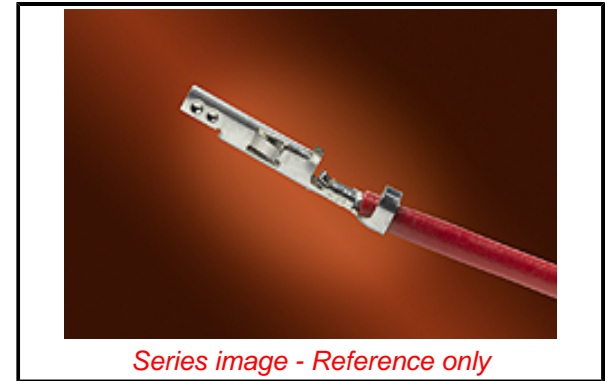
Current - Maximum per Contact	9.0A
Voltage - Maximum	600V

Material Info

Engineering Number	5556PBTL
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Reference - Drawing Numbers

Packaging Specification	PK-5556-003
Product Specification	PS-51010-003, PS-51010-004, PS-51045-003, PS-52252-001, PS-54111-001, PS-54111-002-001, PS-54452-006-001, PS-54452-007-001, PS-54849-004-001, PS-5556-001, PS-5556-002-001, TS-5556-002-001
Sales Drawing	SD-5556****



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

Compliant

REACH SVHC

Not Contained Per -
ED/21/2016 (20 June
2016)

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

RoHS Phthalates

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, 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	Product #
Hand Crimp Tool for Male and Female Crimp Terminals, 16-24 AWG Wire	<u>0638190900</u>
Extraction Tool	<u>0011030044</u>
Japan	
Description	Product #
Handtool (Straight Action)	<u>0570225500</u>
Hand Crimp Tool	<u>0570265000</u>

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