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Part Number: [0039000059](#)
Status: **Active**
Overview: Mini-Fit Jr. Power Connectors
Description: Mini-Fit® Female Crimp Terminal, Tin (Sn) over Phosphor Bronze, 18-24 AWG, Reel

Documents:

Drawing (PDF)	Product Specification PS-5556-001 (PDF)
Product Specification PS-51010-003 (PDF)	Product Specification PS-5556-002-001 (PDF)
Product Specification PS-51010-004 (PDF)	Product Specification TS-5556-002-001 (PDF)
Product Specification PS-51045-003 (PDF)	Test Summary 55560000-TS-000 (PDF)
Product Specification PS-52252-001 (PDF)	RoHS Certificate of Compliance (PDF)
Product Specification PS-54849-004-001 (PDF)	

General

Product Family	Crimp Terminals
Series	5556
Application	Power
Crimp Quality Equipment	Yes
Overview	Mini-Fit Jr. Power Connectors
Packaging Alternative	39-00-0060 (Loose)
Product Name	Mini-Fit®
UPC	800753584662

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	Reel
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

Solder Process Data

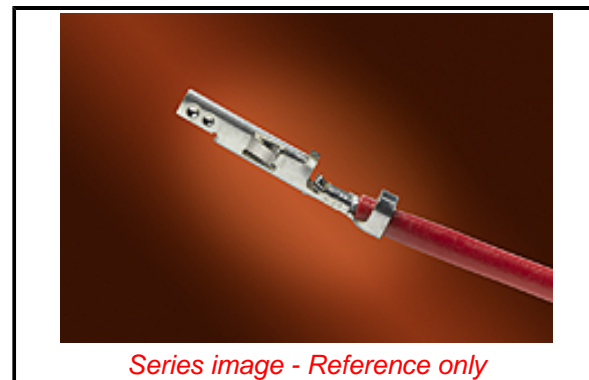
Lead-freeProcess Capability	N/A
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Material Info

Engineering Number	5556PBT
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Reference - Drawing Numbers

Product Specification	PS-51010-003, PS-51010-004, PS-51045-003, PS-52252-001, PS-54849-004-001, PS-5556-001, PS-5556-002-001, TS-5556-002-001
Sales Drawing	SD-5556****
Test Summary	55560000-TS-000



Series image - Reference only

EU ELV

Compliant

EU RoHS

Compliant

REACH SVHC

Not Contained Per
-ED/01/2017 (12
January 2017)

**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	Green Image
ELV	Compliant
RoHS Phthalates	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

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