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**Part Number:** [0050348582](#)  
**Status:** **Active**  
**Overview:** [Mini-Fit Jr. Power Connectors](#)  
**Description:** Mini-Fit Female Crimp Terminal, Tin (Sn) over Nickel (Ni), 18-24 AWG, Chain

**Documents:**

<a href="#">Drawing (PDF)</a>	<a href="#">Product Specification TS-5556-002-001 (PDF)</a>
<a href="#">Product Specification PS-5556-001 (PDF)</a>	<a href="#">Packaging Specification PK-5556-001 (PDF)</a>
<a href="#">Product Specification PS-5556-002-001 (PDF)</a>	<a href="#">RoHS Certificate of Compliance (PDF)</a>

**General**

Product Family	Crimp Terminals
Series	<a href="#">5556</a>
Application	Power
Crimp Quality Equipment	Yes
Overview	<a href="#">Mini-Fit Jr. Power Connectors</a>
Product Name	Mini-Fit
UPC	884982374874

**Physical**

Durability (mating cycles max)	30
Gender	Female
Material - Metal	Phosphor Bronze
Material - Plating Mating	Tin
Material - Plating Termination	Tin
Net Weight	0.140/g
Packaging Type	Reel
Plating min - Mating	0.762µm
Plating min - Termination	2.540µm
Termination Interface: Style	Crimp or Compression
Wire Insulation Diameter	1.30-3.10mm
Wire Size AWG	18, 20, 22, 24
Wire Size mm <sup>2</sup>	N/A

**Electrical**

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

**Solder Process Data**

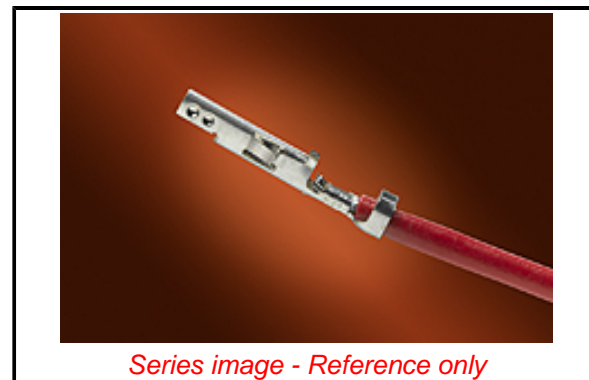
Lead-free Process Capability	N/A
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**Material Info**

Engineering Number	5556-CP
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**Reference - Drawing Numbers**

Packaging Specification	PK-5556-001
Product Specification	PS-5556-001, PS-5556-002-001, TS-5556-002-001
Sales Drawing	SD-5556-CP*



*Series image - Reference only*

**EU ELV**

**Not Relevant**

**EU RoHS**

**Compliant**

**REACH SVHC**

Not Contained Per -  
ED/30/2017 (7 July  
2017)

**Halogen-Free**

**Status**

**Low-Halogen**

**Need more information on product  
environmental compliance?**

Email [productcompliance@molex.com](mailto:productcompliance@molex.com)  
Please visit the [Contact Us](#) section for any  
non-product compliance questions.

China ROHS	Green Image
ELV	Not Relevant
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

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