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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) | Packaging Specification PK-5556-001-002 (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 | <u>5556</u> |
| Application | Power |
| Crimp Quality Equipment | Yes |
| Overview | <u>Mini-Fit Jr.™ Power Connectors</u> |
| Packaging Alternative | <u>39-00-0060 (Loose)</u> |
| 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

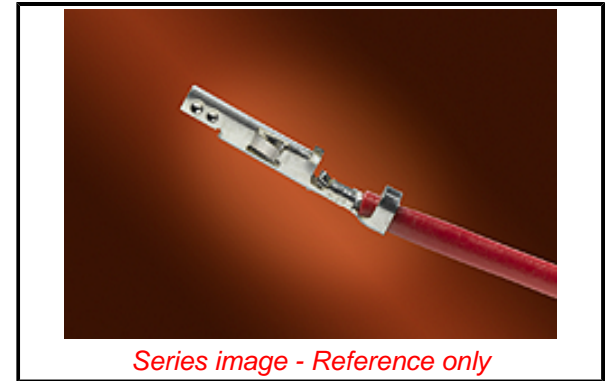
| | |
|-----------------------------|-----|
| Lead-freeProcess Capability | N/A |
|-----------------------------|-----|

Material Info

| | |
|--------------------|---------|
| Engineering Number | 5556PBT |
|--------------------|---------|

Reference - Drawing Numbers

| | |
|-------------------------|---|
| Packaging Specification | PK-5556-001-002 |
| 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**** |



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 | 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, [30067](#) Mini-Fit® TPA, [42474](#) Mini-Fit® BMI Panel Mount, [5559](#) Mini-Fit Jr.™ Plug Housing, Dual Row

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