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**Part Number:** 0039000182  
**Status:** Active  
**Overview:** Mini-Fit Jr.™ Power Connectors  
**Description:** Mini-Fit® Female Crimp Terminal, Selective Gold (Au) over Phosphor Bronze, 18-24 AWG, Bag

**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-5556-003 (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                  | 5556                           |
| Application             | Power                          |
| Crimp Quality Equipment | Yes                            |
| Overview                | Mini-Fit Jr.™ Power Connectors |
| Packaging Alternative   | 39-00-0181 (Reel)              |
| Product Name            | Mini-Fit®                      |
| UPC                     | 800754395847                   |

**Physical**

|                                |                      |
|--------------------------------|----------------------|
| Durability (mating cycles max) | 30                   |
| Gender                         | Female               |
| Material - Metal               | Phosphor Bronze      |
| Material - Plating Mating      | Gold                 |
| Material - Plating Termination | Tin                  |
| Net Weight                     | 0.130/g              |
| Packaging Type                 | Bag                  |
| Plating min - Mating           | 0.762µm              |
| Plating min - Termination      | 0.762µm              |
| 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 | 5556-PBGSPL |
|--------------------|-------------|

**Reference - Drawing Numbers**

|                         |                                               |
|-------------------------|-----------------------------------------------|
| Packaging Specification | PK-5556-003                                   |
| Product Specification   | PS-5556-001, PS-5556-002-001, TS-5556-002-001 |
| Sales Drawing           | SD-5556-006                                   |



Series image - Reference only

**EU ELV**

Not Relevant

**EU RoHS**

Compliant

**China RoHS**

**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](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, 30067 Mini-Fit® TPA, 42474 Mini-Fit® BMI Panel Mount, 44516 Mini-Fit® BMI Slide and Lock Panel Mount