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Part Number: **0039000213**
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 TS-5556-002-001 (PDF) |
| Product Specification PS-5556-001 (PDF) | Packaging Specification PK-5556-001-002 (PDF) |
| Product Specification PS-5556-002-001 (PDF) | RoHS Certificate of Compliance (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>39-00-0214 (Loose)</u> |
| Product Name | Mini-Fit® |
| UPC | 800754319577 |

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 | 2.540µm |
| Plating min - Termination | 1.270µm |
| 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

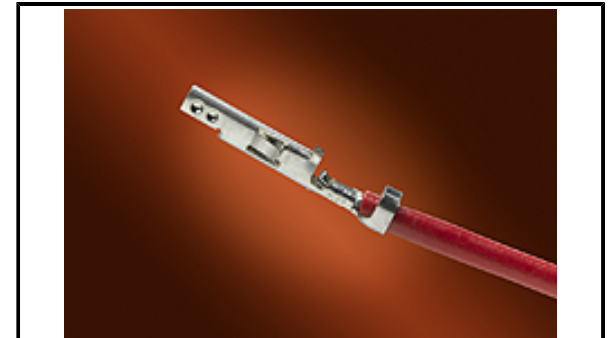
| | |
|------------------------------|-----|
| Lead-free Process Capability | N/A |
|------------------------------|-----|

Material Info

| | |
|--------------------|-----------|
| Engineering Number | 5556-PBSP |
|--------------------|-----------|

Reference - Drawing Numbers

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



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 # |
|---|-------------------|
| FineAdjust™ Applicator for Insulation OD 1.65-2.05mm, 18-24 AWG Wire | <u>0639002900</u> |
| Hand Crimp Tool for Male and Female Crimp Terminals, 16-24 AWG Wire | <u>0638190900</u> |
| Extraction Tool | <u>0011030044</u> |
| FineAdjust™ Applicator for Insulation OD 2.50-2.95mm, 18-24 AWG Wire | <u>0639002600</u> |
| FineAdjust™ Applicator for Insulation OD 1.90-2.30mm - 18-24 AWG | <u>0639015600</u> |
| FineAdjust™ Applicator for Insulation OD 1.40-1.70mm - 18-24 AWG | <u>0639023900</u> |
| FineAdjust™ Applicator for Insulation OD 2.30-2.60mm - 18-24 AWG | <u>0639024900</u> |
| T2 Terminator™ for insulation OD 2.50-2.95mm - 18-24 AWG | <u>0639102600</u> |
| T2 Terminator™ for insulation OD 1.65 – 2.05mm – 18 – 24 AWG | <u>0639102900</u> |
| T2 Terminator™ for insulation OD 2.50-2.95mm optimized for 18 AWG only | <u>0639124800</u> |
| T2 Terminator™ for insulation OD 2.30-2.60mm - 18-24 AWG | <u>0639124900</u> |
| FineAdjust™ Applicator for Insulation OD 2.50-2.95mm Optimized for 18 AWG Only | <u>0639024800</u> |
| T2 Terminator™ for insulation OD 1.90-2.30mm - 18-24 AWG | <u>0639115600</u> |
| T2 Terminator™ for insulation OD 1.40-1.70mm - 18-24 AWG | <u>0639123900</u> |

This document was generated on 11/21/2016

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