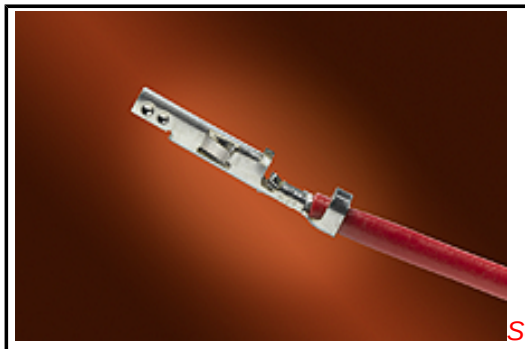
This document was generated on 04/29/2013

# PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

**Part Number:** 39-00-0428
**Status:** Active
**Overview:** Mini-Fit Jr.™
**Description:** 4.20mm Pitch Mini-Fit® Crimp Terminal, Female, with Selective Gold (Au) and Selective Tin (Sn) over Nickel (Ni), 18-24 AWG, Reel



*Series image - Reference only*

**Documents:**

Drawing (PDF)
Product Specification PS-51010-007 (PDF)
Product Specification PS-52034-005 (PDF)
Product Specification PS-5556-001 (PDF)
Product Specification PS-5556-002 (PDF)
Test Summary TS-5556-002 (PDF)
RoHS Certificate of Compliance (PDF)

## General

| | |
|---|---|
| Product Family | Crimp Terminals |
| Series | 5556 |
| Application | Power |
| Crimp Quality Equipment | Yes |
| Overview | Mini-Fit Jr.™ |
| Packaging Alternative | 39-00-0429 (Loose) |
| Product Name | Mini-Fit® |
| UPC | 822348149391 |

## Physical

| | |
|---|---|
| Durability (mating cycles max) | 30 |
| Gender | Receptacle |
| Material - Metal | Brass |
| Material - Plating Mating | Gold |
| Material - Plating Termination | Nickel |
| Net Weight | 130.000/mg |
| 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 mm² | N/A |

## Electrical

| | |
|---|---|
| Current - Maximum per Contact | 9A |
| Voltage - Maximum | 600V |

## Material Info

| | |
|---|---|
| Old Part Number | 5556GS7F |

## Reference - Drawing Numbers

| | |
|---|---|
| Product Specification | PS-51010-007, PS-52034-005, PS-5556-001, PS-5556-002, RPS-501609-001, RPS-501609-002 |
| Sales Drawing | SD-5556-006 |
| Test Summary | TS-5556-002 |

**EU RoHS**
**ELV and RoHS Compliant**
**REACH SVHC**
**Contains SVHC: No**
**Low-Halogen Status**
**Low-Halogen**

**China RoHS**

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

Email productcompliance@molex.com
For a multiple part number RoHS Certificate of Compliance, click here

Please visit the Contact Us section for any non-product compliance questions.

**Search Parts in this Series**
5556Series

**Mates With**
5558 Mini-Fit® Crimp Male Terminals. Mini-Fit Jr.™ Header, Dual Row, 5566 , 5569

**Use With**
5557 Mini-Fit Jr.™ Receptacle Housing

**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 2.50-2.95mm - 18-24 AWG | 0639002600 |
| FineAdjust™ Applicator for | 0639002900 |

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