

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number:

0039000429

Status:

Active

Overview:

minifit_jr

Description:

4.20mm (.165") Pitch Mini-Fit™ Crimp Terminal, Female, with Selective Gold (Au) and Selective Tin (Sn) over Nickel (Ni), 18-24 AWG, Bag

Documents:

- [Test Summary \(PDF\)](#)
- [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 \(PDF\)](#)
- [Product Specification PS-5556-003 \(PDF\)](#)
- [RoHS Certificate of Compliance \(PDF\)](#)

General

Product Family

Series

Crimp Quality Equipment

Overview

Product Name

Crimp Terminals

5556

Yes

minifit_jr

Mini-Fit®

Physical

Durability (mating cycles max)

Gender

Material - Metal

Material - Plating Mating

Material - Plating Termination

Packaging Type

Plating min: Mating (µin)

Plating min: Mating (µm)

Plating min: Termination (µin)

Plating min: Termination (µm)

Termination Interface: Style

Wire Insulation Diameter

Wire Size AWG

Wire Size mm²

30

Receptacle

Brass

Gold

Nickel

Bag

30

0.76

100

2.54

Crimp or Compression

1.30-3.10mm (.051-.122")

18, 20, 22, 24

N/A

Electrical

Current - Maximum per Contact

Voltage - Maximum

9A

600V

Material Info

Old Part Number

5556GSL7F

Reference - Drawing Numbers

Packaging Specification

Product Specification

Sales Drawing

Test Summary

PK-5556-003

PS-51010-007, PS-52034-005, PS-5556-001, PS-5556-002, PS-5556-003

SD-5556-006

TS-5556-002

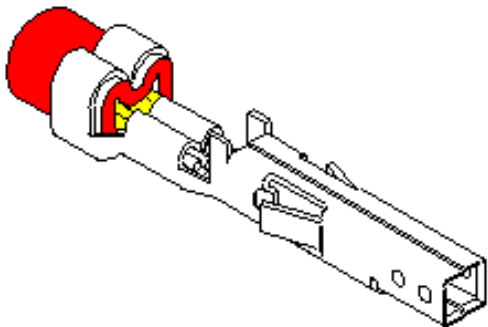


image - Reference only

EU RoHS

**ELV and RoHS
Compliant**
REACH SVHC
Not Reviewed
**Halogen-Free
Status**

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 Male Crimp 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

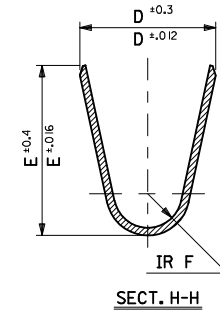
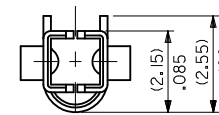
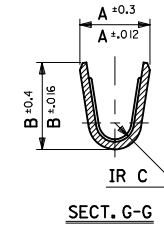
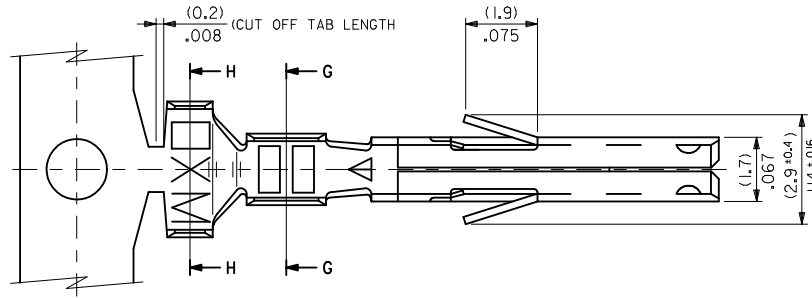
Description	Product #
Extraction Tool	0011030044
Hand Crimp Tool for Mini-Fit™ Jr. Male and Female Crimp Terminals, 16-24 AWG	0638190900

This document was generated on 06/01/2010

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NOTES

1. MATERIAL: SEE CHART.
2. FINISH: SEE CHART.
3. PRODUCT SPECIFICATION: PS-5556-001, PS-5556-002, PS-5556-003.
4. PACKAGING SPECIFICATION: PK-5556-001 FOR CHAIN TERMINALS.
PK-5556-003 FOR LOOSE TERMINALS.
5. MATES WITH: 5558, 5566, 5569, 30069, 30070, 42440, 42404, 43879, 43810, 44068.
6. APPLICABLE HOUSING: 5557, 30067, 44516, OR 42474.
7. THE NUMBER OF SERRATIONS TO BE ONE FOR WIRE RANGE #22-28.
8. WHEN TERMINALS ARE INSTALLED IN THE HOUSING THE WIRES ARE TO BE DRESSED IN SUCH A MANNER TO ALLOW THE TERMINALS TO FLOAT FREELY IN THE POCKET.
9. THIS TERMINAL IS DESIGNED FOR SINGLE WIRE CRIMPING.
10. PART CONFORMS TO CLASS 'B' REQUIREMENTS OF COSMETIC SPECIFICATION PS-45499-002.



REMOVE 440 & 441. EC NO: UCP2010-2205 DRWN: JAGUILAR 2010/03/01 CHKD: J.BELL 2010/03/01 APPR: F.S.MITH 2010/04/09		QUALITY SYMBOLS		GENERAL TOLERANCES (UNLESS SPECIFIED) <table><thead><tr><th></th><th>mm</th><th>INCH</th></tr></thead><tbody><tr><td>4 PLACES</td><td>± ---</td><td>± ---</td></tr><tr><td>3 PLACES</td><td>± ---</td><td>± .008</td></tr><tr><td>2 PLACES</td><td>± 0.2</td><td>± .008</td></tr><tr><td>1 PLACE</td><td>± 0.2</td><td>± ---</td></tr></tbody></table> ANGULAR ± 3 °			mm	INCH	4 PLACES	± ---	± ---	3 PLACES	± ---	± .008	2 PLACES	± 0.2	± .008	1 PLACE	± 0.2	± ---	DIMENSION STYLE MM/IN DRAWN BY DATE HHIRAMOT '91/05/18 CHECKED BY DATE MFUKUSHI '98/11/09 APPROVED BY DATE FSMITH 2010/04/09		SCALE 10:1		DESIGN UNITS METRIC		THIRD ANGLE PROJECTION	
	mm	INCH																										
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2 PLACES	± 0.2	± .008																										
1 PLACE	± 0.2	± ---																										
DESCRIPTION						MINI FIT JR SELECT GOLD FEMALE CRIMP TERMINAL -LEAD FREE-																						
REV								MOLEX		MOLEX INCORPORATED																		
				DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		MATERIAL NO. SEE CHART		DOCUMENT NO. SD-5556-006		SHEET NO. 1 OF 2																		
G1						SIZE C				THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION																		

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