

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number:

0039000090

Status:

Active

Overview:

minifit_jr

Description:

4.20mm (.165") Pitch Mini-Fit™ Crimp Terminal, Female, Brass, Gold (Au), 16 AWG, Bag

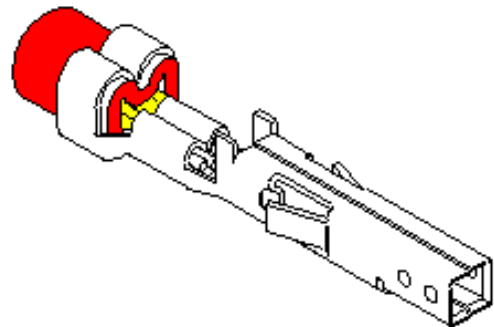


image - Reference only

Series

Documents:

- [Test Summary \(PDF\)](#)
- [Drawing \(PDF\)](#)
- [Product Specification PS-5556-001 \(PDF\)](#)
- [Product Specification PS-5556-002 \(PDF\)](#)
- [Product Specification PS-5556-003 \(PDF\)](#)
- [Product Specification PS-58691-004 \(PDF\)](#)
- [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

Female

Brass

Unplated

Unplated

Bag

30

0.76

30

0.76

Crimp or Compression

1.80-3.10mm (.071-.122")

16

N/A

Electrical

Current - Maximum per Contact

Voltage - Maximum

9A

600V

Material Info

Old Part Number

5556GS3L

Reference - Drawing Numbers

Application Specification

Packaging Specification

Product Specification

Sales Drawing

Test Summary

AS-58696-004

PK-5556-003

PS-5556-001, PS-5556-002, PS-5556-003, PS-58691-004, RPS-51200-003, RPS-58691-003, RPS-58719-004

SD-5556-006

TS-5556-002

EU RoHS

ELV and RoHS
Compliant
REACH SVHC
Contains SVHC: No
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,
30067 TPA, 42474 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 #
Extraction Tool	0011030044
Hand Crimp Tool for Mini-Fit™ Jr. Male and Female Crimp	0638190900

Terminals, 16-24
AWG

Japan

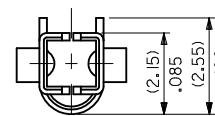
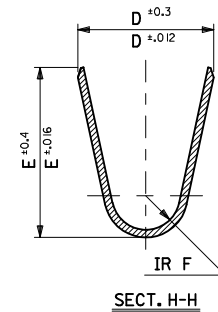
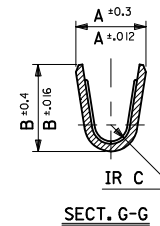
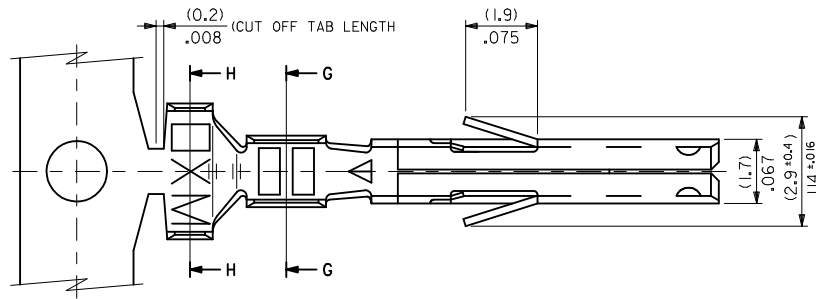
Description	Product #
Hand Crimp Tool	<u>0570225300</u>
New Handtool (Straight Action)	<u>0570225400</u>

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: UCP20-2205 G1 CHKN: JAGUILAR CHKD: IBELL APPR: FSMITH		2010/03/01	2010/03/01	2010/04/09	DESCRIPTION	QUALITY SYMBOLS F=0 E=0 F=0	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><tr><td colspan="3">ANGULAR ± 3 °</td></tr></tbody></table>		mm	INCH	4 PLACES	± ---	± ---	3 PLACES	± ---	± .008	2 PLACES	± 0.2	± .008	1 PLACE	± 0.2	± ---	ANGULAR ± 3 °			DIMENSION STYLE MM/IN DRAWN BY HIRAMOT DATE '91/05/18 CHECKED BY MFUKUSHI DATE '98/11/09 APPROVED BY FSMITH DATE 2010/04/09 MATERIAL NO. SEE CHART SIZE C	SCALE 10:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION	TITLE MINI FIT JR SELECT GOLD FEMALE CRIMP TERMINAL -LEAD FREE- MOLEX MOLEX INCORPORATED DOCUMENT NO. SD-5556-006	SHEET NO. 1 OF 2
		mm	INCH																												
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REV	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION																										

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