

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number:

0039000077

Status:

Active

Overview:

minifit_jr

Description:

4.20mm (.165") Pitch Mini-Fit™ Crimp Terminal, Female, with Tin (Sn) over Copper (Cu) Plated Brass, 16 AWG, Reel

Documents:

- [Test Summary \(PDF\)](#)
- [Drawing \(PDF\)](#)
- [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

Tin

Tin

Reel

35

0.88

35

0.88

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

5556T3

Reference - Drawing Numbers

Packaging Specification

Product Specification

Sales Drawing

Test Summary

PK-5556-001

PS-5556-001, PS-5556-002, PS-5556-003, RPS-30067-001, RPS-30067-002, RPS-30067-003, RPS-5557-002

SD-5556****

TS-5556-002

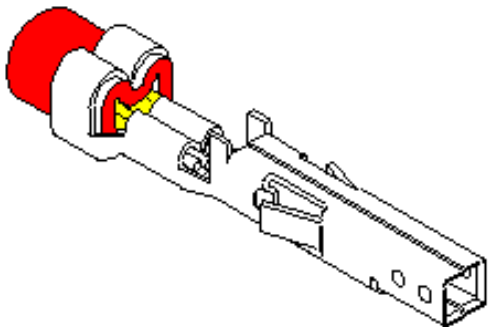


image - Reference only

Series

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.

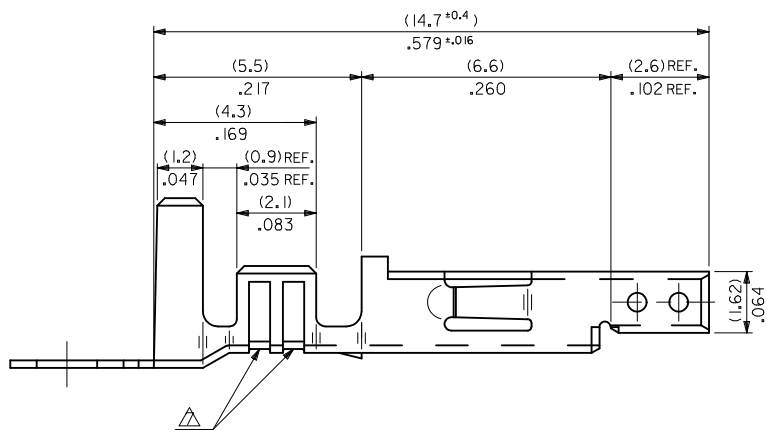
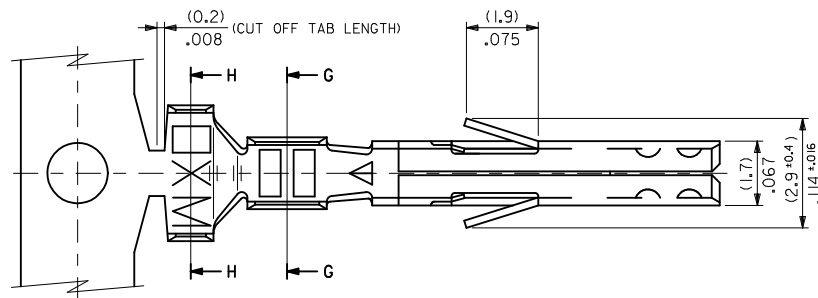
Global

Description	Product #
FineAdjust™ Applicator for Mini-Fit Jr.™, Mini-Fit HCS™ Crimp Terminals, 16	0639015300

AWG and smaller
insulation
T2 Terminator 0639102800
Tooling Die
FineAdjust™ 0639002800
Applicator
FineAdjust™ 0639003000
Applicator
T2 Terminator 0639103000
Tooling Die
Extraction Tool 0011030044
Hand Crimp Tool for 0638190900
Mini-Fit™ Jr. Male
and Female Crimp
Terminals, 16-24
AWG

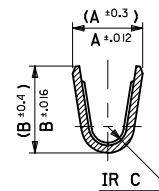
Japan	
Description	Product #
Applicator for M211A Bench Press, 18-24 AWG, for 5556 and 5558 Crimp Terminal Side-Feed Applicator For Full-Auto Machine	<u>0570223000</u>
Hand Extraction Tool	<u>0570316000</u>

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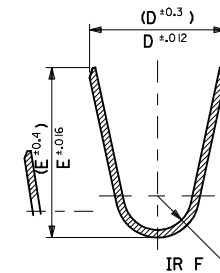


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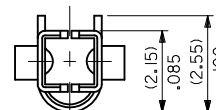
1. MATERIAL: SEE CHART.
2. FINISH: SEE CHART.
3. PRODUCT SPECIFICATION: PS-5556-001, PS-5556-002, PS-5556-003.
4. PACKAGING SPECIFICATION: PK-5556-001 FOR CHAIN TERMINALS
PK-5556-003 FOR LOOSE TERMINALS.
5. MATES WITH: 5558, 5566, 5569, 30069, 30070, 42440, 42404, 43879, 43810, 44068.
6. APPLICABLE HOUSING: 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.



SECT. G-G



SECT. H-H



ADD NOTES EC NO: UCP2010-2205 DRWN: JAGUILAR 2010/03/01 CHKD: 2010/03/01 2010/04/09 APPR: FSMITH 2010/04/09	DESCRIPTION REV	QUALITY SYMBOLS ▽=0 ▽=0 ▽=0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM/IN		SCALE 10:1	DESIGN UNITS METRIC	 THIRD ANGLE PROJECTION	TITLE MINI FIT JR OVERALL TIN FEMALE CRIMP TERMINAL				
				mm	INCH	DRAWN BY H.HIRAMOTO	DATE 1991/5/18	MOLEX MOLEX INCORPORATED						
			4 PLACES	± ---	± ---	CHECKED BY M. FUKUSHIMA	DATE 1998/11/09							
			3 PLACES	± ---	± .008	APPROVED BY FSMITH	DATE 2010/04/09							
			2 PLACES	± 0.2	± .008	MATERIAL NO. SEE CHART					DOCUMENT NO. SD-5556****			
			1 PLACE	± 0.2	± ---	ANGULAR ± 3 °								
			DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS					SIZE C			THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION			

[illegible]