

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number:

0039000078

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, Bag

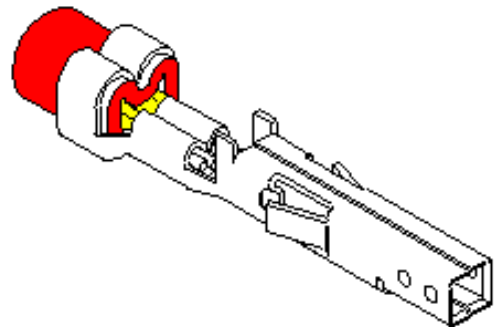


image - Reference only Series

Documents:

- [Test Summary \(PDF\)](#)
- [Drawing \(PDF\)](#)
- [Product Specification PS-5556-001 \(PDF\)](#)
- [Product Specification PS-5556-002 \(PDF\)](#)
- [Product Specification PS-5556-003 \(PDF\)](#)
- [RoHS Certificate of Compliance \(PDF\)](#)

General

Product Family	Crimp Terminals
Series	5556
Crimp Quality Equipment	Yes
Overview	minifit_jr
Product Name	Mini-Fit®

Physical

Durability (mating cycles max)	30
Gender	Receptacle
Material - Metal	Brass
Material - Plating Mating	Tin
Material - Plating Termination	Tin
Packaging Type	Bag
Plating min: Mating (µin)	35
Plating min: Mating (µm)	0.88
Plating min: Termination (µin)	35
Plating min: Termination (µm)	0.88
Termination Interface: Style	Crimp or Compression
Wire Insulation Diameter	1.80-3.10mm (.071-.122")
Wire Size AWG	16
Wire Size mm²	N/A

Electrical

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

Material Info

Old Part Number	5556T3L
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Reference - Drawing Numbers

Packaging Specification	PK-5556-003
Product Specification	PS-5556-001, PS-5556-002, PS-5556-003
Sales Drawing	SD-5556****
Test Summary	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.

Description	Product #
Extraction Tool	0011030044
Hand Crimp Tool for Mini-Fit™ Jr. Male and Female Crimp	0638190900

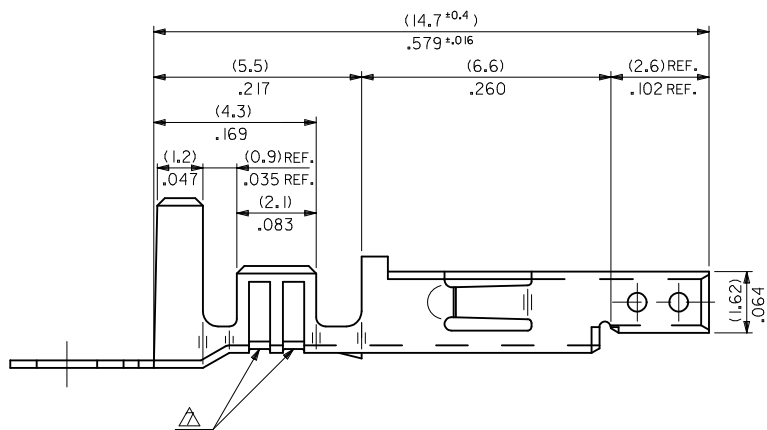
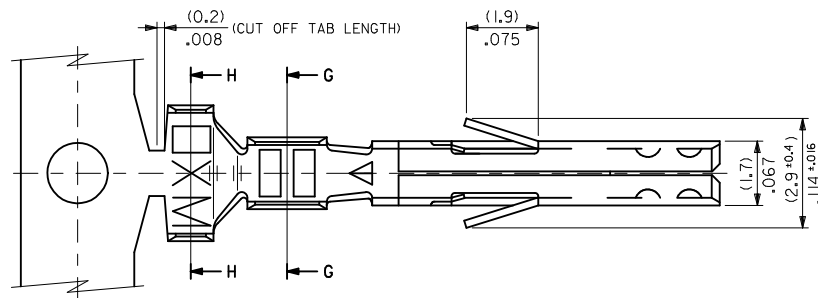
Terminals, 16-24
AWG

Japan

Description	Product #
Hand Crimp Tool	<u>0570225300</u>
New Handtool (Straight Action)	<u>0570225400</u>
Hand Extraction Tool	<u>0570316000</u>

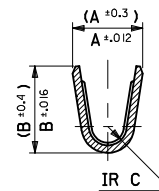
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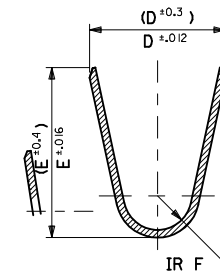


NOTES

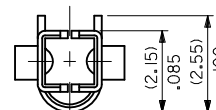
1. MATERIAL: SEE CHART.
2. FINISH: SEE CHART.
3. PRODUCT SPECIFICATION: PS-5556-001, PS-5556-002, PS-5556-003.
4. PACKAGING SPECIFICATION: PK-5556-001 FOR CHAIN TERMINALS
PK-5556-003 FOR LOOSE TERMINALS.
5. MATES WITH: 5558, 5566, 5569, 30069, 30070, 42440, 42404, 43879, 43810, 44068.
6. APPLICABLE HOUSING: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



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
				mm	INCH	DRAWN BY H.HIRAMOTO	DATE 1991/5/18	TITLE MINI FIT JR OVERALL TIN FEMALE CRIMP TERMINAL	
			4 PLACES	± ---	± ---	CHECKED BY M. FUKUSHIMA	DATE 1998/11/09		
			3 PLACES	± ---	± .008	APPROVED BY F.M.KUNISHI	DATE 2010/04/09		
			2 PLACES	± 0.2	± .008	MATERIAL NO. SEE CHART	DOCUMENT NO. SD-5556****		
			1 PLACE	± 0.2	± ---	MOLEX INCORPORATED		SHEET NO. 1 OF 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			

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