

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number:

0039000212

Status:

Active

Overview:

[minifit_jr](#)

Description:

4.20mm (.165") Pitch Mini-Fit™ Crimp Terminal, Female,with Tin (Sn) over Nickel (Ni), 16 AWG, Bag

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

Female

Brass

Tin

Nickel

Bag

100

2.54

50

1.27

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

5556-S3PL

Reference - Drawing Numbers

Packaging Specification

Product Specification

Test Summary

PK-5556-003

PS-5556-001, PS-5556-002, PS-5556-003

TS-5556-002

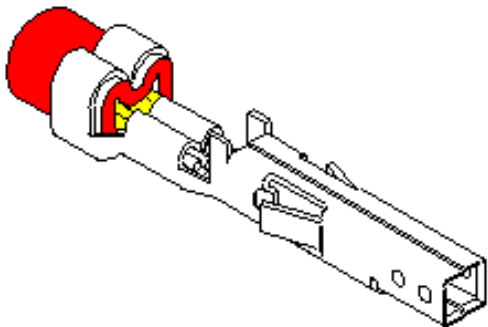


image - Reference only

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

This document was generated on 06/01/2010

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[illegible]

LEGEND:

5556 - ** S * P

BASE NO. _____

MATERIAL _____

BLANK= BRASS

PB= PHOS. BRONZE

S= TIN OVER NICKEL _____

PLATING & CRIMP SIZE COMB. _____

BLANK THRU 5

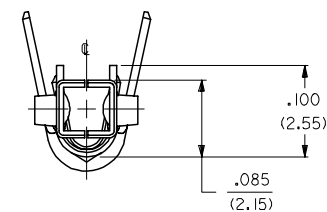
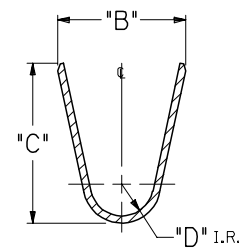
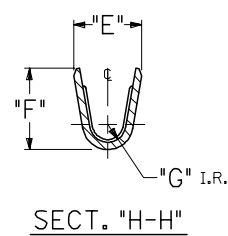
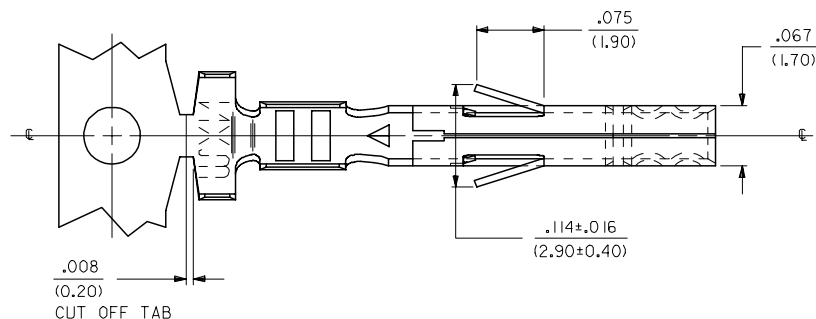
CHAIN OR LOOSE _____

BLANK= CHAIN

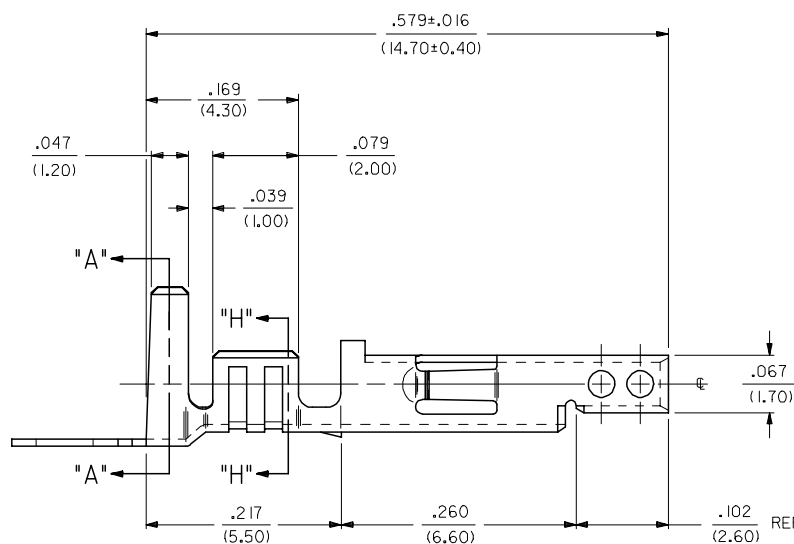
L= LOOSE

NOTES:

1. PART DESIGNED IN METRIC.
2. TERMINAL FOR USE WITH 5557, 42474, 43760 AND 30067 SERIES HOUSINGS.
3. MATES WITH 5558, 5566 AND 5569 SERIES CONNECTORS.
4. REFER TO DWG. NO. CS-5556•/5558• FOR CRIMP SPECIFICATIONS.
5. MATERIAL:
 - A= BRASS, CDA 260
 - B= PHOS. BRONZE, CDA 510
6. PLATING:
 - A= .000100/(.00254) MIN. BRIGHT TIN OVER .000050/(.00127) MIN. NICKEL.
7. PRODUCT SPECIFICATION: PS-5556-001, PS-5556-002, PS-5556-003



RoHS COMPLIANT



REMOVED 14 GA. EC NO: UCP2005-2552 DRAWNDUNNE 2005/06/01 CHKD:GPO LGAR 2005/06/01 APPR: YMARJULLI 2005/06/03	QUALITY SYMBOLS ▽=0 ▽=0	GENERAL TOLERANCES (UNLESS SPECIFIED)	DIMENSION STYLE		SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION			
			IN/MM		10:1	INCH				
			mm	INCH	DRAWN BY	DATE	TITLE MINI FIT JR TERMINAL FEMALE,CRIMP,TIN/NICKLE			
			4 PLACES ± ---	± ---	GEP	5/17/1990				
			3 PLACES ± ---	± .010	CHECKED BY	DATE	MOLEX INCORPORATED			
			2 PLACES ± 0.25	± .014	RJF	5/17/1990				
			1 PLACE ± 0.36	± ---	APPROVED BY	DATE	MOLEX INCORPORATED			
			ANGULAR ±1/2°		RAS	5/17/1990				
			DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		MATERIAL NO.		DOCUMENT NO.		SHEET NO.	
					SEE CHART		SD-5556-SP*		1 OF 1	
THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION										