

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number:

0039000153

Status:

Active

Overview:

[minifit_jr](#)

Description:

4.20mm (.165") Pitch Mini-Fit™ Crimp Terminal, Female, Phosphor Bronze, Gold (Au), 18-24 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

Female

Phosphor Bronze

Gold

Tin

Reel

30

0.76

30

0.76

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

5556PBGS

Reference - Drawing Numbers

Packaging Specification

Product Specification

Sales Drawing

Test Summary

PK-5556-001

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

SD-5556-006

TS-5556-002

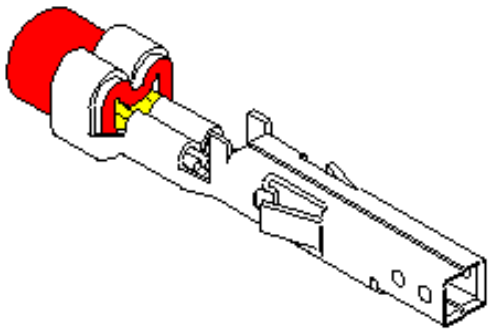


image - Reference only

EU RoHS

ELV and RoHS
Compliant
REACH SVHC
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™	0639015600
Applicator for Mini-Fit Jr.™, Mini-Fit HCS™ Crimp Terminals,	

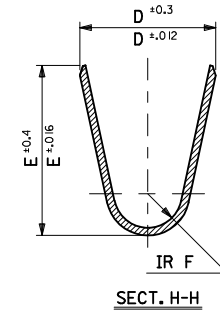
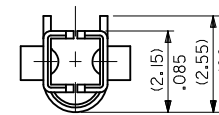
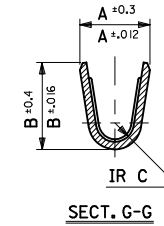
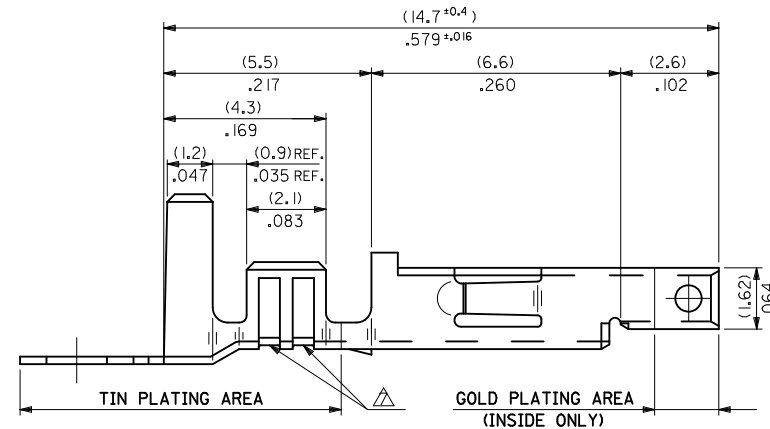
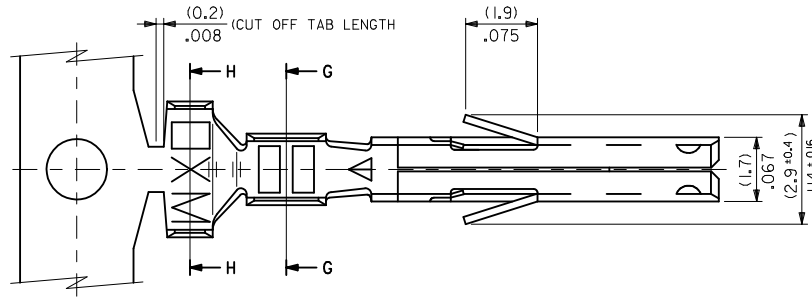
18-24 AWG and
smaller insulation
T2 Terminator Die [0639102600](#)
FineAdjust™ [0639002600](#)
Applicator
FineAdjust™ [0639002900](#)
Applicator, Small
Insulation
T2 Terminator [0639102900](#)
Tooling Die
Extraction Tool [0011030044](#)
Hand Crimp Tool for [0638190900](#)
Mini-Fit™ Jr. Male
and Female 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	0570223000 0570223200

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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.SMITH 2010/04/09			DESCRIPTION	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)			DIMENSION STYLE MM/IN		SCALE 10:1	DESIGN UNITS METRIC	 THIRD ANGLE PROJECTION
G1	REV	 =0			mm	INCH	DRAWN BY HHIRAMOT	DATE '91/05/18	TITLE MINI FIT JR SELECT GOLD FEMALE CRIMP TERMINAL -LEAD FREE- MOLEX INCORPORATED			
		 =0		4 PLACES	± ---	± ---	CHECKED BY MFUKUSHI	DATE '98/11/09				
		 =0		3 PLACES	± ---	± .008	APPROVED BY FSMITH	DATE 2010/04/09				
			2 PLACES	± 0.2	± .008	MATERIAL NO. SEE CHART		DOCUMENT NO. SD-5556-006	SHEET NO. 1 OF 2			
			1 PLACE	± 0.2	± ---	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				

[illegible]