

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number: [0039000060](#)
Status: **Active**
Overview: [minifit_jr](#)
Description: 4.20mm (.165") Pitch Mini-Fit™ Crimp Terminal, Female, Phosphor Bronze, Tin (Sn), 18-24 AWG, Bag

Documents:

- [Test Summary \(PDF\)](#)
[Drawing \(PDF\)](#)
[Product Specification PS-51010-003 \(PDF\)](#)
[Product Specification PS-51010-004 \(PDF\)](#)
[Product Specification PS-51045-003 \(PDF\)](#)
[Product Specification PS-52252-001 \(PDF\)](#)
[Product Specification PS-54111-001 \(PDF\)](#)
[Product Specification PS-54111-002 \(PDF\)](#)
- [Product Specification PS-54452-006 \(PDF\)](#)
[Product Specification PS-54452-007 \(PDF\)](#)
[Product Specification PS-54849-004 \(PDF\)](#)
[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	Phosphor Bronze
Material - Plating Mating	Tin
Material - Plating Termination	Tin
Packaging Type	Bag
Plating min: Mating (µin)	36
Plating min: Mating (µm)	0.90
Plating min: Termination (µin)	36
Plating min: Termination (µm)	0.90
Termination Interface: Style	Crimp or Compression
Wire Insulation Diameter	1.30-3.10mm (.051-.122")
Wire Size AWG	18, 20, 22, 24
Wire Size mm²	N/A

Electrical

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

Material Info

Old Part Number	5556PBTl
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Reference - Drawing Numbers

Packaging Specification	PK-5556-003, SPK-5556-001, SPK-5556-002
Product Specification	PS-51010-003, PS-51010-004, PS-51045-003, PS-52252-001, PS-54111-001, PS-54111-002, PS-54452-006, PS-54452-007, PS-54849-004, PS-5556-001, PS-5556-002, PS-5556-003, RPS-51045-002, RPS-52034-001, RPS-54111-002, RPS-54111-004, RPS-54111-005, RPS-54269-004, RPS-54849-001, RPS-5557-001, RPS-5557-027, RPS-5557-054
Sales Drawing	SD-5556****

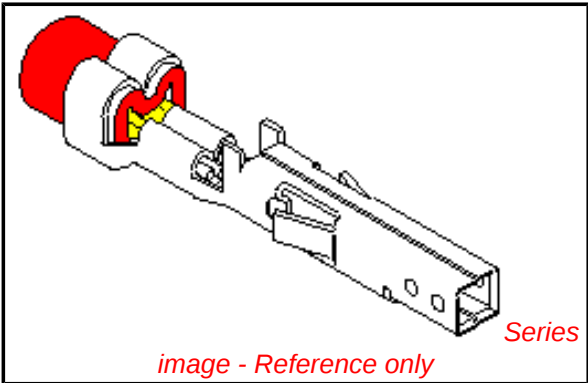


image - Reference only

EU RoHS

ELV and RoHS Compliant
REACH SVHC Contains SVHC: No
Halogen-Free Status
Halogen-Free

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.

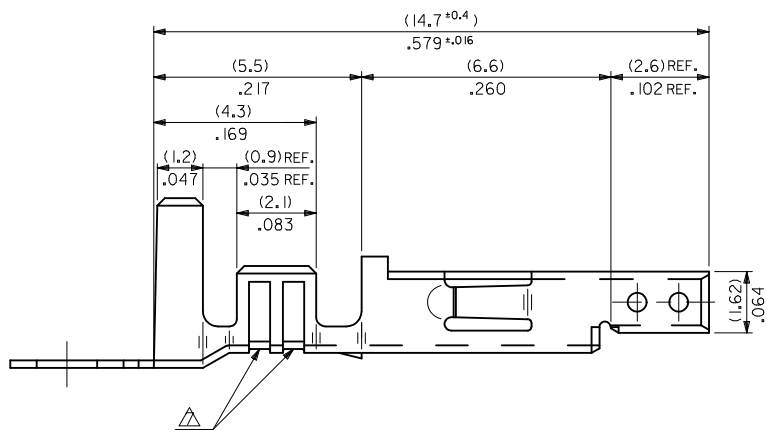
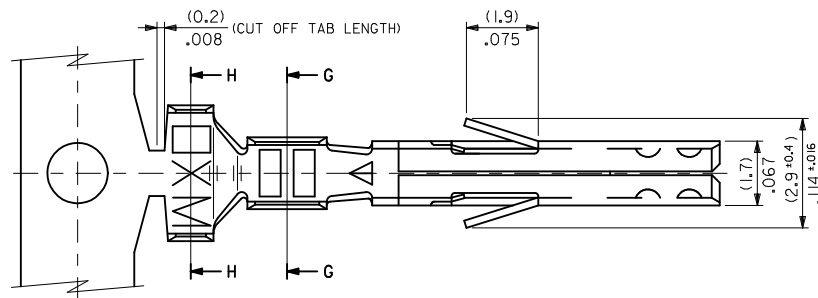
Global

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

Description	Product #
Handtool (Straight Action)	<u>0570225500</u>
Hand Crimp Tool	<u>0570265000</u>

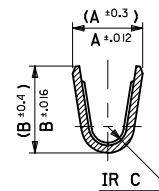
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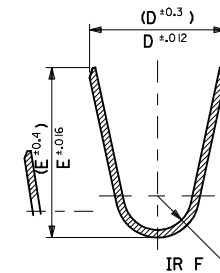


NOTES

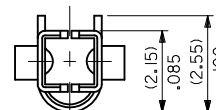
1. MATERIAL: SEE CHART.
2. FINISH: SEE CHART.
3. PRODUCT SPECIFICATION: PS-5556-001, PS-5556-002, PS-5556-003.
4. PACKAGING SPECIFICATION: PK-5556-001 FOR CHAIN TERMINALS
PK-5556-003 FOR LOOSE TERMINALS.
5. MATES WITH: 5558, 5566, 5569, 30069, 30070, 42440, 42404, 43879, 43810, 44068.
6. APPLICABLE HOUSING: 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	TITLE MINI FIT JR OVERALL TIN FEMALE CRIMP TERMINAL				
			4 PLACES 3 PLACES 2 PLACES 1 PLACE	mm	INCH	DRAWN BY H.HIRAMOTO	DATE 1991/5/18	MATERIAL NO. SEE CHART			DOCUMENT NO. SD-5556****	SHEET NO. 1 OF 2		
				± ---	± ---	CHECKED BY M. FUKUSHIMA	DATE 1998/11/09							
				± ---	± .008	APPROVED BY FSMITH	DATE 2010/04/09							
				± 0.2	± .008	MOLEX MOLEX INCORPORATED								
			ANGULAR ± 3 °											
			DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS											

[illegible]