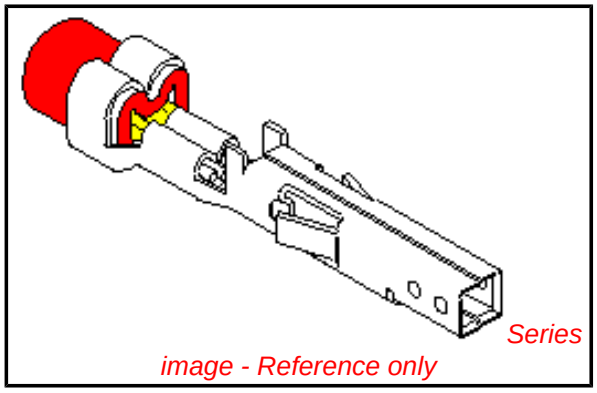
This document was generated on 06/01/2010

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number: 0039000429
Status: Active
Overview: minifit_jr
Description: 4.20mm (.165") Pitch Mini-Fit™ Crimp Terminal, Female, with Selective Gold (Au) and Selective Tin (Sn) over Nickel (Ni), 18-24 AWG, Bag



Series

image - Reference only

Documents:

- Test Summary (PDF)
- Drawing (PDF)
- Product Specification PS-51010-007 (PDF)
- Product Specification PS-52034-005 (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	Gold
Material - Plating Termination	Nickel
Packaging Type	Bag
Plating min: Mating (µin)	30
Plating min: Mating (µm)	0.76
Plating min: Termination (µin)	100
Plating min: Termination (µm)	2.54
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	5556GSL7F

Reference - Drawing Numbers

Packaging Specification	PK-5556-003
Product Specification	PS-51010-007, PS-52034-005, PS-5556-001, PS-5556-002, PS-5556-003
Sales Drawing	SD-5556-006
Test Summary	TS-5556-002

EU RoHS
ELV and RoHS Compliant
REACH SVHC
Not Reviewed
Halogen-Free Status
Not Reviewed

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

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

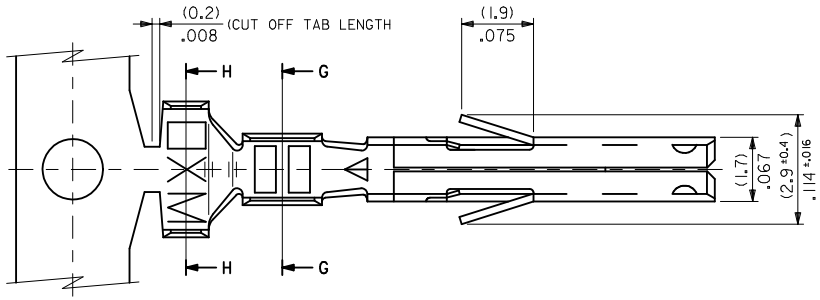
Description	Product #
Extraction Tool	0011030044
Hand Crimp Tool for Mini-Fit™ Jr. Male and Female Crimp Terminals, 16-24 AWG	0638190900

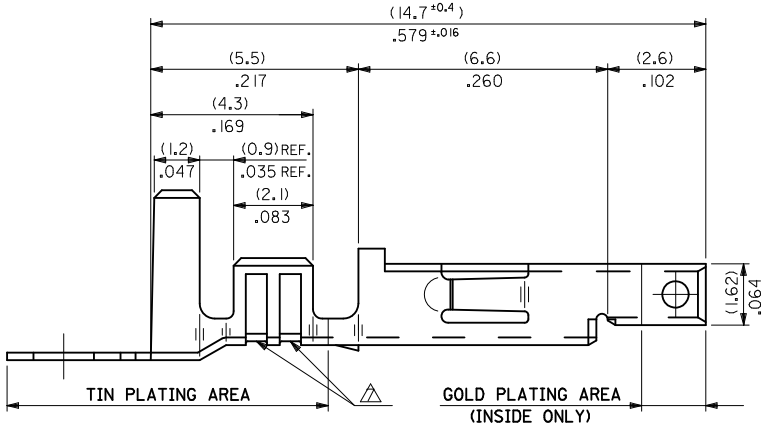
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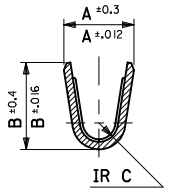
PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

NOTES

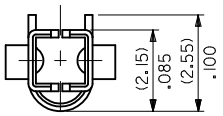
1. MATERIAL: SEE CHART.
2. FINISH: SEE CHART.
3. PRODUCT SPECIFICATION: PS-5556-001, PS-5556-002, PS-5556-003.
4. PACKAGING SPECIFICATION: PK-5556-001 FOR CHAIN TERMINALS
   PK-5556-003 FOR LOOSE TERMINALS.
5. MATES WITH: 5558, 5566, 5569, 30069, 30070, 42440, 42404, 43879, 43810, 44068.
6. APPLICABLE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

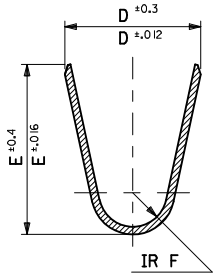






SECT. G-G





SECT. H-H

REMOVE 440 & 441.	DESCRIPTION	REV
EC NO: UCP2010-2205 2010/03/01		
DRWN: JJAGUILAR 2010/03/01		
CH'KD: JBELL 2010/04/09		
APPR: FSMITH		
G1		

QUALITY SYMBOLS
F1 =0
F2 =0
F3 =0

GENERAL TOLERANCES (UNLESS SPECIFIED)

	mm	INCH
4 PLACES	± ---	± ---
3 PLACES	± ---	± .008
2 PLACES	± 0.2	± .008
1 PLACE	± 0.2	± ---
ANGULAR ± 3 °		

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

DIMENSION STYLE: MM/IN
SCALE: 10:1
DESIGN UNITS: METRIC
THIRD ANGLE PROJECTION

DRAWN BY	HHIRAMOT	DATE '91/05/18
CHECKED BY	MFUKUSHI	DATE '98/11/09
APPROVED BY	FSMITH	DATE 2010/04/09

TITLE: MINI FIT JR SELECT GOLD FEMALE CRIMP TERMINAL -LEAD FREE-

molex MOLEX INCORPORATED

MATERIAL NO.: SEE CHART
DOCUMENT NO.: SD-5556-006
SHEET NO.: 1 OF 2
SIZE: C

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION

MATERIAL	FINISH	F	E	D	C	B	A	INS. RANGE	WIRE RANGE	EDP NO.	ENG. NO.	FORM
PHOSPHOR BRONZE	SELECTIVE GOLD (0.76µm)/30m.i. MIN. AND SELECTIVE TIN (2.54um)/100m.i. MIN. OVER NICKEL (1.27µm)/50m.i. MIN.	(0.9) .035	(4.5) .177	(3.6) .142	(0.6) .024	(2.7) .106	(2.3) .091	Ø (3.1)/.122 MAX.	#16	39-00-0158	5556 PBGS3L	LOOSE
										-0157	PBGS3	CHAIN
		(0.6) .024	(2.3) .091	(2.3) .091	(0.4) .016	(1.65) .065	(1.8) .071	Ø (0.9-1.8)/.035-.071	#22-28	-0156	PBGS2L	LOOSE
										-0155	PBGS2	CHAIN
		(0.9) .035	(4.5) .177	(3.6) .142	(0.5) .020	(2.3) .091	(1.9) .075	Ø (1.3-3.1)/.051-.122	#18-24	-0154	PBGSL	LOOSE
										-0153	PBGS	CHAIN
BRASS	SELECTIVE GOLD (1.27µm)/50m.i. MIN. AND SELECTIVE TIN(2.54 µm)/ 100 m.i. MIN. Ⓖ OVER NICKEL (1.27µm)/50m.i. MIN.	(0.9) .035	(4.5) .177	(3.6) .142	(0.6) .024	(2.7) .106	(2.3) .091	Ø (3.1)/.122 MAX.	#16	-0142	GS9L	LOOSE
										-0141	GS9	CHAIN
		(0.6) .024	(2.3) .091	(2.3) .091	(0.4) .016	(1.65) .065	(1.8) .071	Ø (0.9-1.8)/.035-.071	#22-28	-0140	GS8L	LOOSE
										39-00-0139	GS8	CHAIN
		(0.9) .035	(4.5) .177	(3.6) .142	(0.5) .020	(2.3) .091	(1.9) .075	Ø (1.3-3.1)/.051-.122	#18-24	40-13-0852	GS7L	LOOSE
										40-13-0851	GS7	CHAIN
	SELECTIVE GOLD (0.38um)/15m.i. MIN. AND SELECTIVE TIN(2.54um)/100 m.i. MIN. Ⓖ OVER NICKEL (1.27µm)/50m.i. MIN.	(0.9) .035	(4.5) .177	(3.6) .142	(0.6) .024	(2.7) .106	(2.3) .091	Ø (3.1)/.122 MAX.	#16	39-00-0094	GS6L	LOOSE
										-0093	GS6	CHAIN
		(0.6) .024	(2.3) .091	(2.3) .091	(0.4) .016	(1.65) .065	(1.8) .071	Ø (0.9-1.8)/.035-.071	#22-28	-0092	GS5L	LOOSE
										-0091	GS5	CHAIN
		(0.9) .035	(4.5) .177	(3.6) .142	(0.5) .020	(2.3) .091	(1.9) .075	Ø (1.3-3.1)/.051-.122	#18-24	-0074	GS4L	LOOSE
										-0073	GS4	CHAIN
	SELECTIVE GOLD (0.76um)/30m.i. MIN. AND SELECTIVE TIN (2.54um)/100m.i. MIN. OVER NICKEL (1.27um)/50m.i. MIN.	(0.9) .035	(4.5) .177	(3.6) .142	(0.6) .024	(2.7) .106	(2.3) .091	Ø (3.1)/.122 MAX.	#16	-0090	GS3L	LOOSE
										-0089	GS3	CHAIN
		(0.6) .024	(2.3) .091	(2.3) .091	(0.4) .016	(1.65) .065	(1.8) .071	Ø (0.9-1.8)/.035-.071	#22-28	-0435	GS2L7F	LOOSE
										-0434	GS27F	CHAIN
		(0.9) .035	(4.5) .177	(3.6) .142	(0.5) .020	(2.3) .091	(1.9) .075	Ø (1.3-3.1)/.051-.122	#18-24	-0429	GSL7F	LOOSE
										39-00-0428	5556 GS7F	CHAIN

SEE SHEET 1
EC NO: UCP2010-2205 2010/03/01
DRWN: JAGUILAR 2010/03/01
CHKD: JBELL
APPR: FSMITH 2010/04/09
DESCRIPTION
REV
G1

QUALITY SYMBOLS
$\sqrt{F_A}$=0
$\sqrt{F_C}$=0
$\sqrt{F_P}$=0

GENERAL TOLERANCES (UNLESS SPECIFIED)

	mm	INCH
4 PLACES	± ---	± ---
3 PLACES	± ---	± .008
2 PLACES	± 0.2	± .008
1 PLACE	± 0.2	± ---

ANGULAR ± 3 °

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

DIMENSION STYLE: MM/IN
SCALE: 10:1
DESIGN UNITS: METRIC
THIRD ANGLE PROJECTION

DRAWN BY: HHIRAMOT DATE: '91/05/18
CHECKED BY: MFUKUSHI DATE: '98/11/09
APPROVED BY: FSMITH DATE: 2010/04/09

TITLE: MINI FIT JR SELECT GOLD FEMALE CRIMP TERMINAL -LEAD FREE-

MOLEX INCORPORATED

MATERIAL NO.: SEE CHART
DOCUMENT NO.: SD-5556-006
SHEET NO.: 2 OF 2
SIZE: B

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Общество с ограниченной ответственностью «МосЧип» ИНН 7719860671 / КПП 771901001
Адрес: 105318, г.Москва, ул.Щербаковская д.3, офис 1107

Данный компонент на территории Российской Федерации

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http://moschip.ru/get-element

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