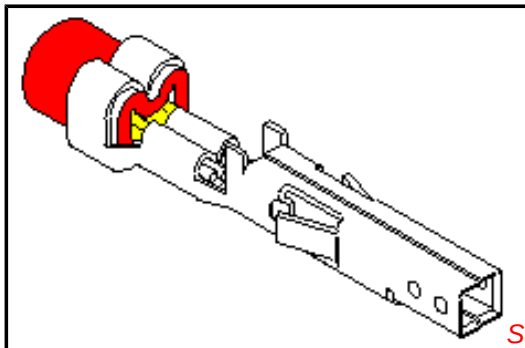
This document was generated on 06/01/2010

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number: 0039000182
Status: Active
Overview: minifit_jr
Description: 4.20mm (.165") Pitch Mini-Fit™ Crimp Terminal, Female, Phosphor Bronze, Gold (Au), 18-24 AWG, Bag



Series image - Reference only

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	Female
Material - Metal	Phosphor Bronze
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)	30
Plating min: Termination (µm)	0.76
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	5556-PBGSPL

Reference - Drawing Numbers

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

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, 44516 BMI Slide and Lock Panel Mount

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.

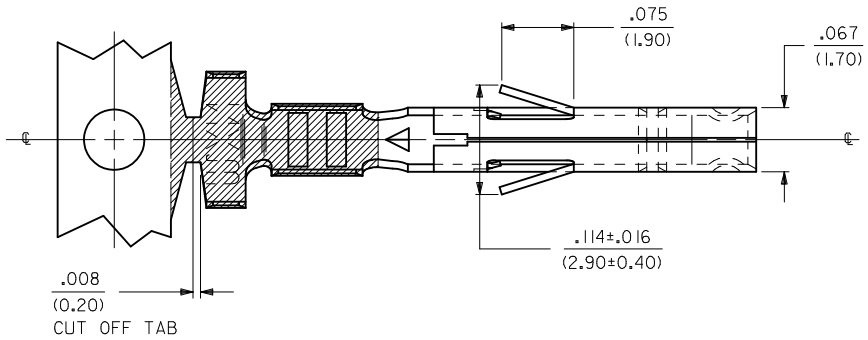
Global

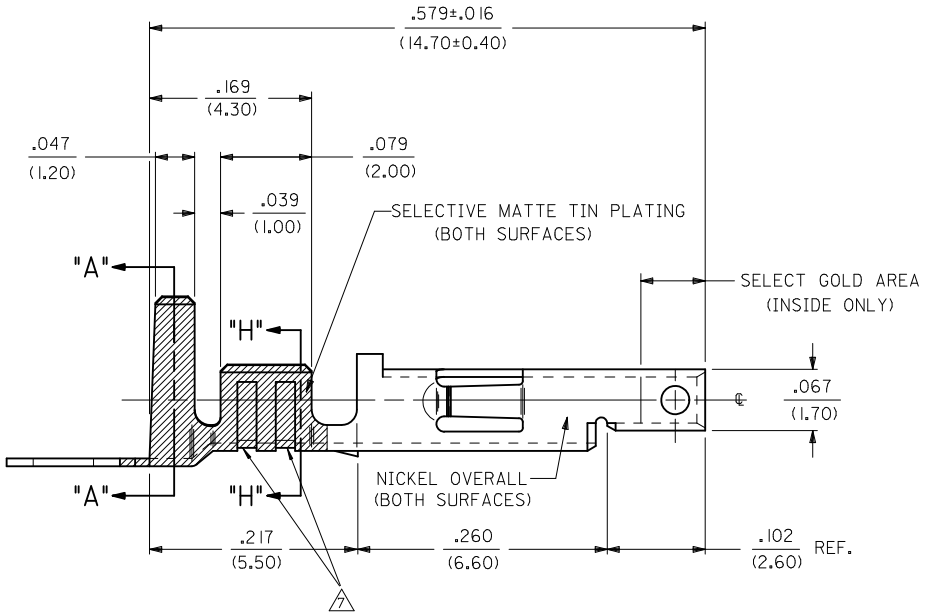
Description	Product #
Extraction Tool	0011030044
Hand Crimp Tool for Mini-Fit™ Jr. Male and Female Crimp	0638190900

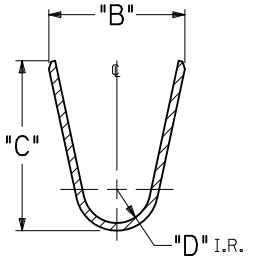
Terminals, 16-24 AWG	
Japan	
Description	**Product #**
Handtool (Straight Action)	0570225500
Hand Crimp Tool	0570265000

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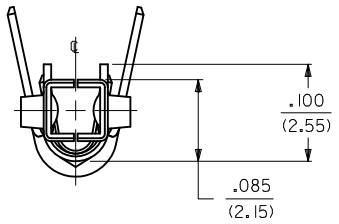
SECT. "A-A"

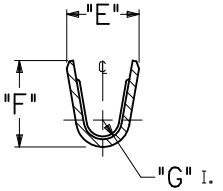
NOTES:

1. MATERIAL:
   - A. CDA 260 BRASS, .0080±.0004/(0.203±0.010) THICK.
   - B. CDA 510 PHOS. BRONZE .0080±.0004/(0.203±0.010) THICK.

2. PLATING:
   - *A. SELECTIVE GOLD PLATE .000030/(0.00076) MIN., AND SELECTIVE MATTE TIN .000100/(0.00254) OVER .000050/(0.00127) NICKEL OVERALL.
   - *B. SELECTIVE GOLD PLATE .000015/(0.00038) MIN., AND SELECTIVE MATTE TIN .000100/(0.00254) OVER .000050/(0.00127) NICKEL OVERALL.
   - *C. SELECTIVE GOLD PLATE .000050/(0.00127) MIN., AND SELECTIVE MATTE TIN .000100/(0.00254) OVER .000050/(0.00127) NICKEL OVERALL.
   - *THE PRIMARY SHIPPING CARTON WILL BE LABELED "COMPLIANT TO RoHS DIRECTIVE 2002/95/EC AND ELV ANNEX II OF DIRECTIVE 2000/53/EC." CARTONS WITHOUT THIS LABEL MAY CONTAIN PRODUCT WITH TIN-LEAD PLATING.
3. PRODUCT SPECIFICATION PS-5556-001, PS-5556-002, PS-5556-003
4. PACKAGING SPECIFICATION: PK-5556-001 FOR CHAIN
   PK-5556-003 FOR LOOSE.
5. MATES WITH 5558, 5566 AND 5569 SERIES CONNECTORS.
6. TERMINAL FOR USE WITH 5557 SERIES HOUSINGS.

△7 THE NUMBER OF SERRATION TO BE ONE FOR WIRE GAUGE #22-28.





SECT. "H-H"

REORDERED NOTES	DESCRIPTION	REV
EC NO: UCP2010-1963	2010/02/08	
DRWN: JJAGUILAR	2010/02/08	
CHKD: JBELL	2010/04/09	
APPR: FSMITH		
F2		

QUALITY SYMBOLS
▼=0
▽C=0
R.

GENERAL TOLERANCES (UNLESS SPECIFIED)

	mm	INCH
4 PLACES	± ---	± ---
3 PLACES	± ---	± .010
2 PLACES	± 0.25	± .014
1 PLACE	± 0.36	± ---
ANGULAR ±1/2°		

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

DIMENSION STYLE	IN/MM
SCALE	10:1
DESIGN UNITS	METRIC
	THIRD ANGLE PROJECTION
DRAWN BY / DATE	GEP 5/17/90
CHECKED BY / DATE	RJF 5/17/90
APPROVED BY / DATE	FSMITH 2010/04/09
MATERIAL NO.	SEE SHT. 2
DOCUMENT NO.	SD-5556-GSP*
SHEET NO.	1 OF 2
SIZE	C

TITLE: TERMINAL, MINI-FIT JR., FEMALE CRIMP SELECT GOLD BLANK PLATE FORM

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SHT.	REV.
2	F2
1	F2

PART NO.	ENG. NO.	MAT'L.	PLATE	WIRE GAGE	QUANTITY PER REEL	DIM. "B"	DIM. "C"	DIM. "D"	DIM. "E"	DIM. "F"	DIM. "G"
NOT TOOLED	5556-GS10P	A	A	14 GA.	4,000	.142±.012 (3.60±0.30)	.177±.016 (4.50±0.40)	.035 (0.90)	.091±.012 (2.30±0.30)	.114±.016 (2.90±0.40)	.024 (0.60)
NOT TOOLED	5556-GS10PL										
39-00-0169	5556-GS4P	A	B	18-24 GA.	4,000	.142±.012 (3.60±0.30)	.177±.016 (4.50±0.40)	.035 (0.90)	.075±.012 (1.90±0.30)	.091±.016 (2.40±0.40)	.020 (0.50)
39-00-0170	5556-GS4PL										
39-00-0171	5556-GS5P			22-28 GA.	6,000	.091±.012 (2.30±0.30)	.091±.016 (2.30±0.40)	.024 (0.60)	.071±.012 (1.80±0.30)	.065±.016 (1.65±0.40)	.016 (0.40)
39-00-0172	5556-GS5PL										
39-00-0173	5556-GS6P			16 GA.	4,000	.142±.012 (3.60±0.30)	.177±.016 (4.50±0.40)	.035 (0.90)	.091±.012 (2.30±0.30)	.106±.016 (2.70±0.40)	.024 (0.60)
39-00-0174	5556-GS6PL										
NOT TOOLED	5556-GS11P			14 GA.	4,000	.142±.012 (3.60±0.30)	.177±.016 (4.50±0.40)	.035 (0.90)	.091±.012 (2.30±0.30)	.114±.016 (2.90±0.40)	.024 (0.60)
NOT TOOLED	5556-GS11PL										
39-00-0175	5556-GS7P	A	C	18-24 GA.	4,000	.142±.012 (3.60±0.30)	.177±.016 (4.50±0.40)	.035 (0.90)	.075±.012 (1.90±0.30)	.091±.016 (2.40±0.40)	.020 (0.50)
39-00-0176	5556-GS7PL										
39-00-0177	5556-GS8P			22-28 GA.	6,000	.091±.012 (2.30±0.30)	.091±.016 (2.30±0.40)	.024 (0.60)	.071±.012 (1.80±0.30)	.065±.016 (1.65±0.40)	.016 (0.40)
39-00-0178	5556-GS8PL										
39-00-0179	5556-GS9P			16 GA.	4,000	.142±.012 (3.60±0.30)	.177±.016 (4.50±0.40)	.035 (0.90)	.091±.012 (2.30±0.30)	.106±.016 (2.70±0.40)	.024 (0.60)
39-00-0180	5556-GS9PL										
NOT TOOLED	5556-GS12P			14 GA.	4,000	.142±.012 (3.60±0.30)	.177±.016 (4.50±0.40)	.035 (0.90)	.091±.012 (2.30±0.30)	.114±.016 (2.90±0.40)	.024 (0.60)
NOT TOOLED	5556-GS12PL										
39-00-0181	5556-PBGSP	B	A	18-24 GA.	4,000	.142±.012 (3.60±0.30)	.177±.016 (4.50±0.40)	.035 (0.90)	.075±.012 (1.90±0.30)	.091±.016 (2.40±0.40)	.020 (0.50)
39-00-0182	5556-PBGSPL										
39-00-0183	5556-PBGS2P			22-28 GA.	6,000	.091±.012 (2.30±0.30)	.091±.016 (2.30±0.40)	.024 (0.60)	.071±.012 (1.80±0.30)	.065±.016 (1.65±0.40)	.016 (0.40)
39-00-0184	5556-PBGS2PL										
39-00-0185	5556-PBGS3P			16 GA.	4,000	.142±.012 (3.60±0.30)	.177±.016 (4.50±0.40)	.035 (0.90)	.091±.012 (2.30±0.30)	.106±.016 (2.70±0.40)	.024 (0.60)
39-00-0186	5556-PBGS3PL										
NOT TOOLED	5556-PBGS10P			14 GA.	4,000	.142±.012 (3.60±0.30)	.177±.016 (4.50±0.40)	.035 (0.90)	.091±.012 (2.30±0.30)	.114±.016 (2.90±0.40)	.024 (0.60)
NOT TOOLED	5556-PBGS10PL										
39-00-0194	5556-PBGS4P	B	B	18-24 GA.	4,000	.142±.012 (3.60±0.30)	.177±.016 (4.50±0.40)	.035 (0.90)	.075±.012 (1.90±0.30)	.091±.016 (2.40±0.40)	.020 (0.50)
39-00-0195	5556-PBGS4PL										
39-00-0196	5556-PBGS5P			22-28 GA.	6,000	.091±.012 (2.30±0.30)	.091±.016 (2.30±0.40)	.024 (0.60)	.071±.012 (1.80±0.30)	.065±.016 (1.65±0.40)	.016 (0.40)
39-00-0197	5556-PBGS5PL										
39-00-0198	5556-PBGS6P			16 GA.	4,000	.142±.012 (3.60±0.30)	.177±.016 (4.50±0.40)	.035 (0.90)	.091±.012 (2.30±0.30)	.106±.016 (2.70±0.40)	.024 (0.60)
39-00-0199	5556-PBGS6PL										
NOT TOOLED	5556-PBGS11P			14 GA.	4,000	.142±.012 (3.60±0.30)	.177±.016 (4.50±0.40)	.035 (0.90)	.091±.012 (2.30±0.30)	.114±.016 (2.90±0.40)	.024 (0.60)
NOT TOOLED	5556-PBGS11										
39-00-0200	5556-PBGS7P	B	C	18-24 GA.	4,000	.142±.012 (3.60±0.30)	.177±.016 (4.50±0.40)	.035 (0.90)	.075±.012 (1.90±0.30)	.091±.016 (2.40±0.40)	.020 (0.50)
39-00-0201	5556-PBGS7PL										
39-00-0202	5556-PBGS8P			22-28 GA.	6,000	.091±.012 (2.30±0.30)	.091±.016 (2.30±0.40)	.024 (0.60)	.071±.012 (1.80±0.30)	.065±.016 (1.65±0.40)	.016 (0.40)
39-00-0203	5556-PBGS8PL										
39-00-0204	5556-PBGS9P			16 GA.	4,000	.142±.012 (3.60±0.30)	.177±.016 (4.50±0.40)	.035 (0.90)	.091±.012 (2.30±0.30)	.106±.016 (2.70±0.40)	.024 (0.60)
39-00-0205	5556-PBGS9PL										
NOT TOOLED	5556-PBGS12P			14 GA.	4,000	.142±.012 (3.60±0.30)	.177±.016 (4.50±0.40)	.035 (0.90)	.091±.012 (2.30±0.30)	.114±.016 (2.90±0.40)	.024 (0.60)
NOT TOOLED	5556-PBGS12PL										

LEGEND:

5556-**GS*P*

- BASE NO.
- MATERIAL
  - BLANK= BRASS
  - PB= PHOS. BRONZE
- GOLD, SELECT
- PLATING & CRIMP SIZE COMB.
  - BLANK THRU 15
- BLANK-PLATE-FORM VERSION
- CHAIN OR LOOSE
  - BLANK= CHAIN
  - L= LOOSE

SEE SHEET 1

EC NO: UCP2010-1963 2010/02/08
DRWN: JJAGUILAR 2010/02/08
CHKD: JBELL
APPR: FSMITH 2010/04/09
DESCRIPTION

F2

REV

QUALITY SYMBOLS
▼=0
Ⓒ=0

GENERAL TOLERANCES (UNLESS SPECIFIED)

	mm	INCH
4 PLACES	± ---	± ---
3 PLACES	± ---	± ---
2 PLACES	± ---	± ---
1 PLACE	± ---	± ---
ANGULAR ±1/2°		

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

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

DRAWN BY: GEP DATE: 5/17/90
CHECKED BY: RJF DATE: 5/17/90
APPROVED BY: FSMITH DATE: 2010/04/09

TITLE: TERMINAL, MINI-FIT JR., FEMALE, CRIMP, SELECT GOLD BLANK-PLATE-FORM

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MATERIAL NO.: SEE CHART
DOCUMENT NO.: SD-5556-GSP*
SHEET NO.: 2 2

SIZE: C

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