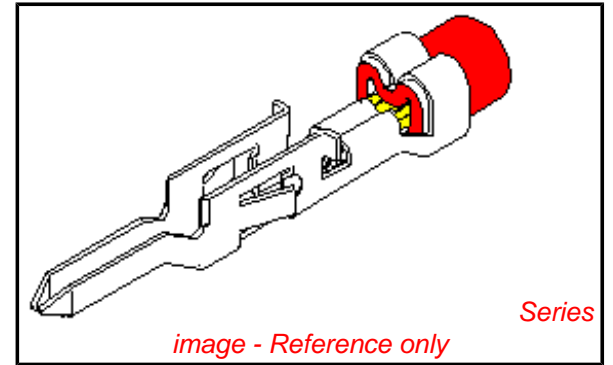


**PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION**

**Part Number:** [0039000127](#)  
**Status:** **Active**  
**Overview:** [minifit\\_jr](#)  
**Description:** 4.20mm (.165") Pitch Mini-Fit™ Crimp Terminal, Male, Tin (Sn), Phosphor Bronze, 18-24 AWG, Bag

**Documents:**

<a href="#">Test Summary (PDF)</a>	<a href="#">Product Specification PS-5556-002 (PDF)</a>
<a href="#">Drawing (PDF)</a>	<a href="#">Product Specification PS-5556-003 (PDF)</a>
<a href="#">Product Specification PS-5556-001 (PDF)</a>	<a href="#">RoHS Certificate of Compliance (PDF)</a>



**General**

Product Family	Crimp Terminals
Series	5558
Crimp Quality Equipment	Yes
Overview	<a href="#">minifit_jr</a>
Product Name	Mini-Fit®

**Physical**

Durability (mating cycles max)	30
Gender	Male
Material - Metal	Phosphor Bronze
Material - Plating Mating	Tin
Material - Plating Termination	Tin
Packaging Type	Bag
Plating min: Mating (µin)	100
Plating min: Mating (µm)	2.5
Plating min: Termination (µin)	100
Plating min: Termination (µm)	2.5
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	5558-PBSL
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**Reference - Drawing Numbers**

Packaging Specification	PK-5556-003
Product Specification	PS-5556-001, PS-5556-002, PS-5556-003
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](mailto: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**

5558Series

**Mates With**

5556 Mini-Fit™ Crimp Terminal

**Use With**

5559 Mini-Fit Jr.™ Plug Housing, 30068 Mini-Fit TPA™ Plug Housing, 42475 Mini-Fit BMI™ Plug 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	<a href="#">0011030044</a>
Hand Crimp Tool for Mini-Fit™ Jr. Male and Female Crimp	<a href="#">0638190900</a>

This document was generated on 06/01/2010

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13	12	11	10	9	8	7	6	5558			4	3	2	1		
PART NO.	ENG. NO.	FORM	MAT'L.	WIRE GAGE	RANGE OF INSULATION DIA.	QUANTITY PER REEL (FORMED)	DIM. "A"	DIM. "B"	DIM. "C"	DIM. "D"	DIM. "E"	DIM. "F"				
39-00-0120	5558-S	CHAIN	A	18-24 GA.	.051-.122 (1.30-3.10)	4,000	.075 (1.90)	.091 (2.30)	.020 (.50)	.142 (3.60)	.177 (4.50)	.035 (.90)				
39-00-0121	5558-SL	LOOSE														
39-00-0122	5558-S2	CHAIN		22-28 GA.	.035-.071 (.90-1.80)	6,000	.071 (1.80)	.065 (1.65)	.016 (.40)	.091 (2.30)	.091 (2.30)	.024 (.60)				
39-00-0123	5558-S2L	LOOSE														
39-00-0124	5558-S3	CHAIN		16 GA.	.122 (3.10) MAX.	4,000	.091 (2.30)	.106 (2.70)	.024 (.60)	.142 (3.60)	.177 (4.50)	.035 (.90)				
39-00-0125	5558-S3L	LOOSE														
NOT TOOLED	5558-S4	CHAIN		14 GA.	.122 (3.10) MAX.	4,000	.091 (2.30)	.114 (2.90)	.024 (.60)	.142 (3.60)	.177 (4.50)	.035 (.90)				
NOT TOOLED	5558-S4L	LOOSE														
39-00-0259	5558-S5	CHAIN		28-30 GA.	.020-.035 (.50-.90)	6,000	.050 (1.27)	.044 (1.12)	.010 (.25)	.091 (2.30)	.091 (2.30)	.024 (.60)				
39-00-0260	5558-S5L	LOOSE														
39-00-0126	5558-PBS	CHAIN	B	18-24 GA.	.051-.122 (1.30-3.10)	4,000	.075 (1.90)	.091 (2.30)	.020 (.50)	.142 (3.60)	.177 (4.50)	.035 (.90)				
39-00-0127	5558-PBSL	LOOSE														
39-00-0128	5558-PBS2	CHAIN		22-28 GA.	.035-.071 (.90-1.80)	6,000	.071 (1.80)	.065 (1.65)	.016 (.40)	.091 (2.30)	.091 (2.30)	.024 (.60)				
39-00-0129	5558-PBS2L	LOOSE														
39-00-0130	5558-PBS3	CHAIN		16 GA.	.122 (3.10) MAX.	4,000	.091 (2.30)	.106 (2.70)	.024 (.60)	.142 (3.60)	.177 (4.50)	.035 (.90)				
39-00-0131	5558-PBS3L	LOOSE														
NOT TOOLED	5558-PBS4	CHAIN		14 GA.	.122 (3.10) MAX.	4,000	.091 (2.30)	.114 (2.90)	.024 (.60)	.142 (3.60)	.177 (4.50)	.035 (.90)				
NOT TOOLED	5558-PBS4L	LOOSE														
39-00-0263	5558-PBS5	CHAIN		28-30 GA.	.020-.035 (.50-.90)	6,000	.050 (1.27)	.044 (1.12)	.010 (.25)	.091 (2.30)	.091 (2.30)	.024 (.60)				
39-00-0264	5558-PBS5L	LOOSE														

LEGEND:

5558-\*\*\*S\*\*

- BASE NO. \_\_\_\_\_
- MATERIAL \_\_\_\_\_
- BLANK= BRASS
- PB= PHOS. BRONZE
- S= TIN OVER NICKEL \_\_\_\_\_
- CRIMP SIZE \_\_\_\_\_
- BLANK = 18-24 AWG
- 2 = 22-28 AWG
- 3 = 16 AWG
- 4 = 14 AWG
- 5 = 28-30 AWG
- CHAIN OR LOOSE \_\_\_\_\_
- BLANK= CHAIN
- L= LOOSE

B	SEE SHEET I.
A2	SEE SHEET I.
A1	SEE SHEET I.
A	SEE SHEET I.

MFG.	SH.	REV.	LTR.	REVISIONS
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DIMENSIONS SHOWN METRIC (INCH)		UNLESS OTHERWISE SPECIFIED TOLERANCES: ANGULAR ± 1/2°		REVISE ONLY ON CAD SYSTEM	
TITLE		MALE CRIMP TERMINAL WITH TIN OVER NICKEL POSTPLATE (MINI-FIT JR. SERIES)		PART NO. SD-5558-S*	
DRAWN BY: RAS		CHECKED BY: GEP		DATE: 5/12/92	
APP'D BY: RAS		SCALE: --:--		DIV. CP	
MOLEX INCORPORATED		L15LEJLL 60532		U.S.A.	
SEE CHART.		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INC. AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION.		SIZE C	