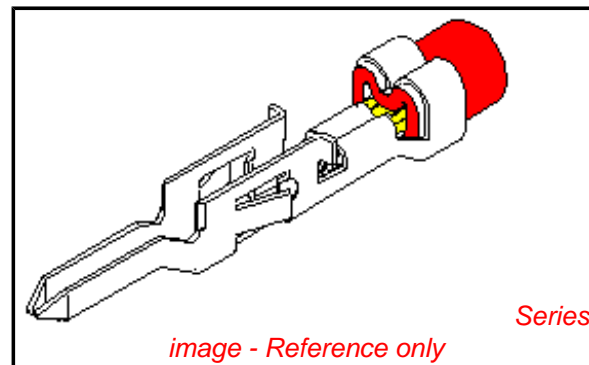


PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number: **0039000125**
Status: **Active**
Overview: minifit_jr
Description: 4.20mm (.165") Pitch Mini-Fit™ Crimp Terminal, Male, with Tin (Sn) Plated Brass Contact, 16 AWG, Bag

Documents:

Test Summary (PDF)	Product Specification PS-5556-002 (PDF)
Drawing (PDF)	Product Specification PS-5556-003 (PDF)
Product Specification PS-5556-001 (PDF)	RoHS Certificate of Compliance (PDF)



General

Product Family	Crimp Terminals
Series	5558
Crimp Quality Equipment	Yes
Overview	<u>minifit_jr</u>
Product Name	Mini-Fit®

Physical

Durability (mating cycles max)	30
Gender	Male
Material - Metal	Brass
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	1.80-3.10mm (.071-.122")
Wire Size AWG	16
Wire Size mm²	N/A

Electrical

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

Material Info

Old Part Number	5558-S3L
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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**

China RoHS



Not Reviewed

**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

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	0011030044
Hand Crimp Tool for Mini-Fit™ Jr. Male and Female Crimp	0638190900

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			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)												
39-00-0122	5558-S2	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)												
39-00-0123	5558-S2L	LOOSE			14 GA.	.122 (3.10) MAX.	4,000	.091 (2.30)	.114 (2.90)	.024 (.60)	.142 (3.60)	.177 (4.50)	.035 (.90)												
39-00-0124	5558-S3	CHAIN		B		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)											
39-00-0125	5558-S3L	LOOSE			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)											
NOT TOOLED	5558-S4	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)											
39-00-0126	5558-PBS	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)											
39-00-0127	5558-PBSL	LOOSE				14 GA.	.122 (3.10) MAX.	4,000	.091 (2.30)	.114 (2.90)	.024 (.60)	.142 (3.60)	.177 (4.50)	.035 (.90)											
39-00-0128	5558-PBS2	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)											
39-00-0129	5558-PBS2L	LOOSE	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)													
39-00-0130	5558-PBS3	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)												
39-00-0131	5558-PBS3L	LOOSE	16 GA.			.122 (3.10) MAX.	4,000	.091 (2.30)	.106 (2.70)	.024 (.60)	.142 (3.60)	.177 (4.50)	.035 (.90)												
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																							
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.

DIMENSIONS SHOWN METRIC (INCH)		UNLESS OTHERWISE SPECIFIED TOLERANCES: ANGULAR ± 1/2°		REVISE ONLY ON CAD SYSTEM	
INCH		METRIC		TITLE	
3 PLACE	± ---	± ---	---	MALE CRIMP TERMINAL WITH TIN OVER NICKEL POSTPLATE (MINI-FIT JR. SERIES)	
2 PLACE	± ---	± ---	---	MOLEX INCORPORATED	
1 PLACE	---	± ---	---	L15LEJLL 60532 U.S.A.	
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		PART NO.		SHEET NO. DATE	
DRWG. BY: RAS		CHKD. BY: GEP		2 5/12/92	
APP'D. BY: RAS		SCALE: --:--		DIV. CP	
FILE NAME: S5558SX2.DWG		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INC. AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION.		SD-5558-#S*	