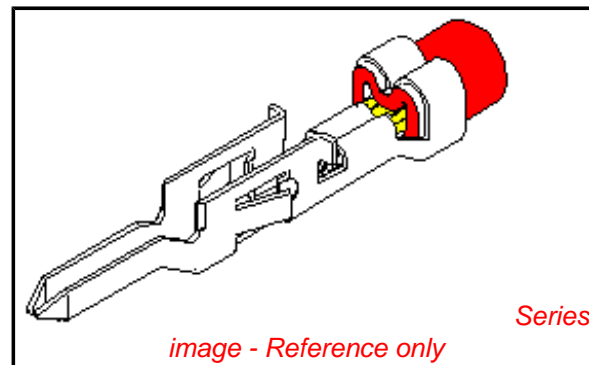


PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number: **0039000124**
Status: **Active**
Overview: minifit_jr
Description: 4.20mm (.165") Pitch Mini-Fit™ Crimp Terminal, Male, with Tin (Sn) Plated Brass Contact, 16 AWG, Reel

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	Reel
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-S3
-----------------	---------

Reference - Drawing Numbers

Packaging Specification	PK-5558-001
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
 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 #
FineAdjust™ Applicator for Mini-Fit Jr.™, Mini-Fit HCS™ Crimp Terminals, 16 AWG and smaller insulation	0639015300

T2 Terminator Tooling Die	<u>0639102800</u>
FineAdjust™ Applicator	<u>0639002800</u>
FineAdjust™ Applicator	<u>0639003000</u>
T2 Terminator Tooling Die	<u>0639103000</u>
Extraction Tool	<u>0011030044</u>
Hand Crimp Tool for Mini-Fit™ Jr. Male and Female Crimp Terminals, 16-24 AWG	<u>0638190900</u>

This document was generated on 06/01/2010

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

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.

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)		SHEET NO. 2 DATE 5/12/92	
PART NO.		MOLEX INCORPORATED		U.S.A.	
DRAWING		SEE CHART.		SD-5558-S*	
DRWG. BY RAS		CHKD. BY GEP		DIV. CP	
APP'D. BY RAS		SCALE --:--		SIZE C	