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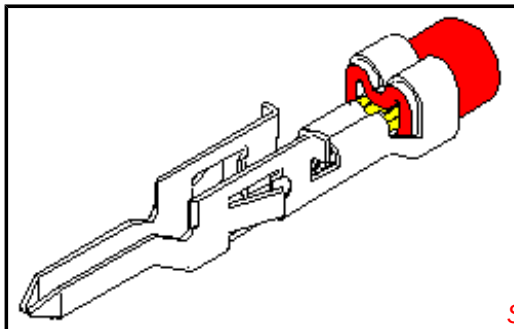
Part Number: 0039000124
Status: Active
Overview: minifit_jr
Description: 4.20mm (.165") Pitch Mini-Fit™ Crimp Terminal, Male, with Tin (Sn) Plated Brass Contact, 16 AWG, Reel



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	5558
Crimp Quality Equipment	Yes
Overview	minifit_jr
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	0639102800
FineAdjust™ Applicator	0639002800
FineAdjust™ Applicator	0639003000
T2 Terminator Tooling Die	0639103000
Extraction Tool	0011030044
Hand Crimp Tool for Mini-Fit™ Jr. Male and Female Crimp Terminals, 16-24 AWG	0638190900

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

MFG.	SH.	REV.	LTR.	REVISIONS
			B	SEE SHEET 1.
			A2	SEE SHEET 1.
			A1	SEE SHEET 1.
			A	SEE SHEET 1.

DIMENSIONS SHOWN (METRIC) INCH

UNLESS OTHERWISE SPECIFIED TOLERANCES: ANGULAR ± 1/2°

	INCH	METRIC
3 PLACE	± ---	---
2 PLACE	± ---	± ---
1 PLACE	---	± ---

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

▽ = Ø ▼ = Ø REVISE ONLY ON CAD SYSTEM

TITLE: MALE CRIMP TERMINAL WITH TIN OVER NICKEL POSTPLATE (MINI-FIT JR.® SERIES)

molex MOLEX INCORPORATED LISLE,ILL. 60532 U.S.A.

SHEET NO. 2 | DATE 5/12/92

PART NO. SEE CHART. | DRWG. NO. SD-5558-•S•

DRWG. BY	CHK'D. BY	APP'D. BY	SCALE
RJF	GEP	RAS	-:-

FILE NAME 55558X2.DGN

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DIV. CP | SIZE C