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Part Number:

0039000131

Status:

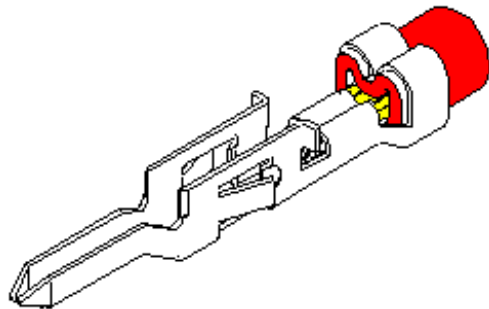
Active

Overview:

minifit\_jr

Description:

4.20mm (.165") Pitch Mini-Fit™ Crimp Terminal, Male, Tin (Sn), Phosphor Bronze, 16 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

Series

Crimp Quality Equipment

Overview

Product Name

Crimp Terminals

5558

Yes

minifit\_jr

Mini-Fit®

Physical

Durability (mating cycles max)

Gender

Material - Metal

Material - Plating Mating

Material - Plating Termination

Packaging Type

Plating min: Mating (µin)

Plating min: Mating (µm)

Plating min: Termination (µin)

Plating min: Termination (µm)

Termination Interface: Style

Wire Insulation Diameter

Wire Size AWG

Wire Size mm²

30

Male

Phosphor Bronze

Tin

Tin

Bag

100

2.5

100

2.5

Crimp or Compression

1.80-3.10mm (.071-.122")

16

N/A

Electrical

Current - Maximum per Contact

Voltage - Maximum

9A

600V

Material Info

Old Part Number

5558-PBS3L

Reference - Drawing Numbers

Packaging Specification

Product Specification

Test Summary

PK-5556-003

PS-5556-001, PS-5556-002, PS-5556-003

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                                         | 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"      |   |
| J | 39-00-0120 | 5558-S     | CHAIN | A     | 18-24 GA. | .051-.122<br>(1.30-3.10) | 4,000                      | .075<br>(1.90) | .091<br>(2.30) | .020<br>(.50) | .142<br>(3.60) | .177<br>(4.50) | .035<br>(.90) | J |
|   | 39-00-0121 | 5558-SL    | LOOSE |       |           |                          |                            |                |                |               |                |                |               |   |
|   | 39-00-0122 | 5558-S2    | CHAIN |       | 22-28 GA. | .035-.071<br>(.90-1.80)  | 6,000                      | .071<br>(1.80) | .065<br>(1.65) | .016<br>(.40) | .091<br>(2.30) | .091<br>(2.30) | .024<br>(.60) |   |
|   | 39-00-0123 | 5558-S2L   | LOOSE |       |           |                          |                            |                |                |               |                |                |               |   |
|   | 39-00-0124 | 5558-S3    | CHAIN |       | 16 GA.    | .122<br>(3.10) MAX.      | 4,000                      | .091<br>(2.30) | .106<br>(2.70) | .024<br>(.60) | .142<br>(3.60) | .177<br>(4.50) | .035<br>(.90) |   |
| I | 39-00-0125 | 5558-S3L   | LOOSE |       |           |                          |                            |                |                |               |                |                |               | I |
|   | NOT TOOLED | 5558-S4    | CHAIN |       | 14 GA.    | .122<br>(3.10) MAX.      | 4,000                      | .091<br>(2.30) | .114<br>(2.90) | .024<br>(.60) | .142<br>(3.60) | .177<br>(4.50) | .035<br>(.90) |   |
|   | NOT TOOLED | 5558-S4L   | LOOSE |       |           |                          |                            |                |                |               |                |                |               |   |
|   | 39-00-0259 | 5558-S5    | CHAIN |       | 28-30 GA. | .020-.035<br>(.50-.90)   | 6,000                      | .050<br>(1.27) | .044<br>(1.12) | .010<br>(.25) | .091<br>(2.30) | .091<br>(2.30) | .024<br>(.60) |   |
|   | 39-00-0260 | 5558-S5L   | LOOSE |       |           |                          |                            |                |                |               |                |                |               |   |
|   | 39-00-0126 | 5558-PBS   | CHAIN | B     | 18-24 GA. | .051-.122<br>(1.30-3.10) | 4,000                      | .075<br>(1.90) | .091<br>(2.30) | .020<br>(.50) | .142<br>(3.60) | .177<br>(4.50) | .035<br>(.90) |   |
|   | 39-00-0127 | 5558-PBSL  | LOOSE |       |           |                          |                            |                |                |               |                |                |               |   |
| H | 39-00-0128 | 5558-PBS2  | CHAIN |       | 22-28 GA. | .035-.071<br>(.90-1.80)  | 6,000                      | .071<br>(1.80) | .065<br>(1.65) | .016<br>(.40) | .091<br>(2.30) | .091<br>(2.30) | .024<br>(.60) | H |
|   | 39-00-0129 | 5558-PBS2L | LOOSE |       |           |                          |                            |                |                |               |                |                |               |   |
|   | 39-00-0130 | 5558-PBS3  | CHAIN |       | 16 GA.    | .122<br>(3.10) MAX.      | 4,000                      | .091<br>(2.30) | .106<br>(2.70) | .024<br>(.60) | .142<br>(3.60) | .177<br>(4.50) | .035<br>(.90) |   |
|   | 39-00-0131 | 5558-PBS3L | LOOSE |       |           |                          |                            |                |                |               |                |                |               |   |
|   | NOT TOOLED | 5558-PBS4  | CHAIN |       | 14 GA.    | .122<br>(3.10) MAX.      | 4,000                      | .091<br>(2.30) | .114<br>(2.90) | .024<br>(.60) | .142<br>(3.60) | .177<br>(4.50) | .035<br>(.90) |   |
|   | NOT TOOLED | 5558-PBS4L | LOOSE |       |           |                          |                            |                |                |               |                |                |               |   |
| G | 39-00-0263 | 5558-PBS5  | CHAIN |       | 28-30 GA. | .020-.035<br>(.50-.90)   | 6,000                      | .050<br>(1.27) | .044<br>(1.12) | .010<br>(.25) | .091<br>(2.30) | .091<br>(2.30) | .024<br>(.60) | G |
|   | 39-00-0264 | 5558-PBS5L | LOOSE |       |           |                          |                            |                |                |               |                |                |               |   |
|   |            |            |       |       |           |                          |                            |                |                |               |                |                |               |   |
| F |            |            |       |       |           |                          |                            |                |                |               |                |                |               |   |
| E |            |            |       |       |           |                          |                            |                |                |               |                |                |               |   |
| D |            |            |       |       |           |                          |                            |                |                |               |                |                |               |   |
|   |            |            |       |       |           |                          |                            |                |                |               |                |                |               |   |
| C |            |            |       |       |           |                          |                            |                |                |               |                |                |               |   |
| B |            |            |       |       |           |                          |                            |                |                |               |                |                |               |   |
|   |            |            |       |       |           |                          |                            |                |                |               |                |                |               |   |
| A |            |            |       |       |           |                          |                            |                |                |               |                |                |               |   |

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

DIMENSIONS SHOWN (METRIC) INCH  
UNLESS OTHERWISE SPECIFIED  
TOLERANCES: ANGULAR ± 1/2°

|         |     |     |     |
|---------|-----|-----|-----|
| 3 PLACE | ±   | --- | --- |
| 2 PLACE | ±   | --- | --- |
| 1 PLACE | --- | ±   | --- |

DRAFT WHERE APPLICABLE MUST  
REMAIN WITHIN DIMENSIONS

DRWG. BY: R J F  
APP'D. BY: RAS

CHK'D. BY: GEP  
SCALE: --: --

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

MOLEX INCORPORATED  
LITSE,ILL. 60532 U.S.A.

SHEET NO. 2  
DATE 5/12/92

PART NO.  
SEE CHART.

DRWG. NO.  
SD-5558--\*S\*

MFG. SH. REV. LTR. REVISIONS

|    |              |
|----|--------------|
| B  | SEE SHEET 1. |
| A2 | SEE SHEET 1. |
| A1 | SEE SHEET 1. |
| A  | SEE SHEET 1. |

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CP C