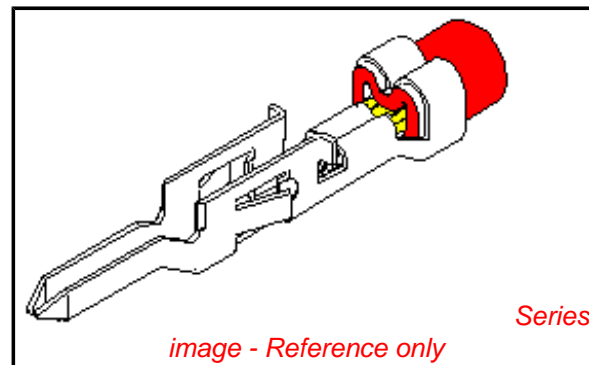


PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number: **0039000130**
Status: **Active**
Overview: minifit_jr
Description: 4.20mm (.165") Pitch Mini-Fit™ Crimp Terminal, Male, Tin (Sn), Phosphor Bronze, 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 | Phosphor Bronze |
| 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-PBS3 |
|-----------------|-----------|

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
Contains SVHC: No**
**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 # |
|--|------------|
| FineAdjust™ | 0639015300 |
| Applicator for Mini-Fit Jr.™, Mini-Fit HCS™ Crimp Terminals, 16 AWG and smaller insulation | |

| | |
|--|-------------------|
| 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

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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) | | | | | | | | | | | |
| NOT TOOLED | 5558-S4L | 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) | | | | | | | | | | | |
| 39-00-0259 | 5558-S5 | 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) | | | | | | | | | | | |
| 39-00-0260 | 5558-S5L | LOOSE | | | 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) | | | | | | | | | | | |
| 39-00-0126 | 5558-PBS | CHAIN | 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 | | | | 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) | | | | | | | | | | | |
| 39-00-0128 | 5558-PBS2 | 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) | | | | | | | | | | | |
| 39-00-0129 | 5558-PBS2L | 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) | | | | | | | | | | | |
| 39-00-0130 | 5558-PBS3 | 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) | | | | | | | | | | | | |
| 39-00-0131 | 5558-PBS3L | 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-PBS4 | 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) | | | | | | | | | | | |
| NOT TOOLED | 5558-PBS4L | 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) | | | | | | | | | | | |
| 39-00-0263 | 5558-PBS5 | 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) | | | | | | | | | | | |
| 39-00-0264 | 5558-PBS5L | LOOSE | | 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) | | | | | | | | | | | | |

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° | | TITLE | | MALE CRIMP TERMINAL WITH TIN OVER NICKEL POSTPLATE (MINI-FIT JR. SERIES) | | PART NO. | | MOLEX INCORPORATED | | SHEET NO. | | DATE | |
| 3 PLACE | ± --- | INCH | METRIC | 2 PLACE | ± --- | SEE CHART. | SD-5558-S* | 5 | 12/92 | MOLEX INC. AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION | | CP | C | | |
| 1 PLACE | --- ± --- | | | DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS | | DRAWN BY | | R.J.F. | | CHKD. BY | | G.E.P. | | | |
| SCALE | | --:-- | | APP'D. BY | | RAS | | FILE NAME | | S5558SX2 | | DIV. | | CP | |