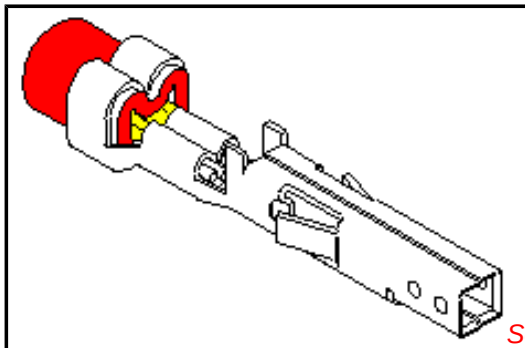
This document was generated on 06/08/2010

# PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

**Part Number:** 0039000215
**Status:** Active
**Overview:** minifit_jr
**Description:** 4.20mm (.165") Pitch Mini-Fit™ Crimp Terminal, Female, Phosphor Bronze, Tin (Sn), 22-28 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 | 5556 |
| Crimp Quality Equipment | Yes |
| Overview | minifit_jr |
| Product Name | Mini-Fit® |

## Physical

| | |
|---|---|
| Durability (mating cycles max) | 30 |
| Gender | Female |
| Material - Metal | Phosphor Bronze |
| Material - Plating Mating | Tin |
| Material - Plating Termination | Nickel |
| Packaging Type | Reel |
| Plating min: Mating (µin) | 100 |
| Plating min: Mating (µm) | 2.54 |
| Plating min: Termination (µin) | 50 |
| Plating min: Termination (µm) | 1.27 |
| Termination Interface: Style | Crimp or Compression |
| Wire Insulation Diameter | 0.90-1.80mm (.035-.071") |
| Wire Size AWG | 22, 24, 26, 28 |
| Wire Size mm² | N/A |

## Electrical

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

## Material Info

| | |
|---|---|
| Old Part Number | 5556-PBS2P |

## Reference - Drawing Numbers

| | |
|---|---|
| Packaging Specification | PK-5556-001 |
| 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**
**Halogen-Free**

**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**
5556Series

**Mates With**
5558 Male Crimp Terminals. Mini-Fit Jr.™ Header, Dual Row, 5566 , 5569

**Use With**
5557 Mini-Fit Jr.™ Receptacle Housing, 30067 TPA, 42474 BMI Panel Mount, 5559 Mini-Fit Jr.™ Plug Housing, Dual Row

**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 # |
|---|---|
| Hand Crimp Tool for Mini-Fit Jr.™ Crimp Termianls | 0638191000 |

| | |
|---|---|
| FineAdjust™ Applicator | 0639002700 |
| T2 Terminator Tooling Die | 0639102700 |
| FineAdjust for Mini-Fit Jr.™ Crimp Terminals | 0639020200 |
| T2 Terminator for Mini-Fit Jr.™ Crimp Terminals | 0639120200 |

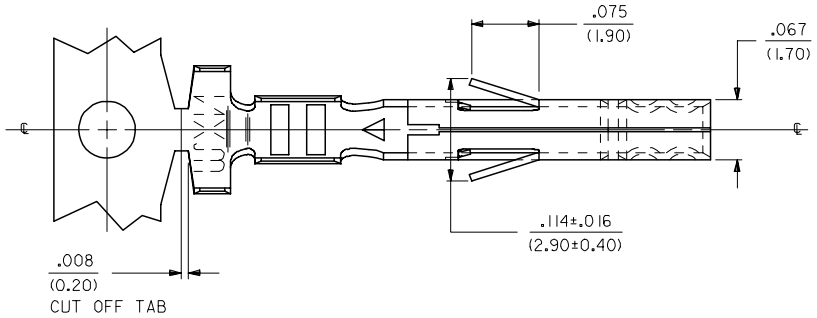
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| PART NO. | ENG. NO. | MAT'L. | PLATE | WIRE GAGE | QUANTITY PER REEL | DIM. "B" | DIM. "C" | DIM. "D" | DIM. "E" | DIM. "F" | DIM. "G" |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 39-00-0207 | 5556-SP | A | A | 18-24 GA. | 4,000 | .142±.012 (3.60±0.30) | .177±.016 (4.50±0.40) | .035 (0.90) | .075±.012 (1.90±0.30) | .091±.016 (2.40±0.40) | .020 (0.50) |
| 39-00-0208 | 5556-SPL | | | | | | | | | | |
| 39-00-0209 | 5556-S2P | | | 22-28 GA. | 6,000 | .091±.012 (2.30±0.30) | .091±.016 (2.30±0.40) | .024 (0.60) | .071±.012 (1.80±0.30) | .065±.016 (1.65±0.40) | .016 (0.40) |
| 39-00-0210 | 5556-S2PL | | | | | | | | | | |
| 39-00-0211 | 5556-S3P | | | 16 GA. | 4,000 | .142±.012 (3.60±0.30) | .177±.016 (4.50±0.30) | .035 (0.90) | .091±.012 (2.30±0.30) | .106±.016 (2.70±0.40) | .024 (0.60) |
| 39-00-0212 | 5556-S3PL | | | | | | | | | | |
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| NOT TOOLED | 5556-S5P | | | 28-30 GA. | 6,000 | .091±.012 (2.30±0.30) | .091±.016 (2.30±0.40) | .024 (.60) | .050±.010 (1.27±0.25) | .044±.010 (1.12±0.25) | .010 (0.25) |
| NOT TOOLED | 5556-S5PL | | | | | | | | | | |
| 39-00-0213 | 5556-PBSP | B | A | 18-24 GA. | 4,000 | .142±.012 (3.60±0.30) | .177±.016 (4.50±0.40) | .035 (0.90) | .075±.012 (1.90±0.30) | .091±.016 (2.40±0.40) | .020 (0.50) |
| 39-00-0214 | 5556-PBSPL | | | | | | | | | | |
| 39-00-0215 | 5556-PBS2P | | | 22-28 GA. | 6,000 | .091±.012 (2.30±0.30) | .091±.016 (2.30±0.40) | .024 (0.60) | .071±.012 (1.80±0.30) | .065±.016 (1.65±0.40) | .016 (0.40) |
| 39-00-0216 | 5556-PBS2PL | | | | | | | | | | |
| 39-00-0217 | 5556-PBS3P | | | 16 GA. | 4,000 | .142±.012 (3.60±0.30) | .177±.016 (4.50±0.30) | .035 (0.90) | .091±.012 (2.30±0.30) | .106±.016 (2.70±0.40) | .024 (0.60) |
| 39-00-0218 | 5556-PBS3PL | | | | | | | | | | |
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| NOT TOOLED | 5556-PBS5P | | | 28-30 GA. | 6,000 | .091±.012 (2.30±0.30) | .091±.016 (2.30±0.40) | .024 (.60) | .050±.010 (1.27±0.25) | .044±.010 (1.12±0.25) | .010 (0.25) |
| NOT TOOLED | 5556-PBS5PL | | | | | | | | | | |

## LEGEND:

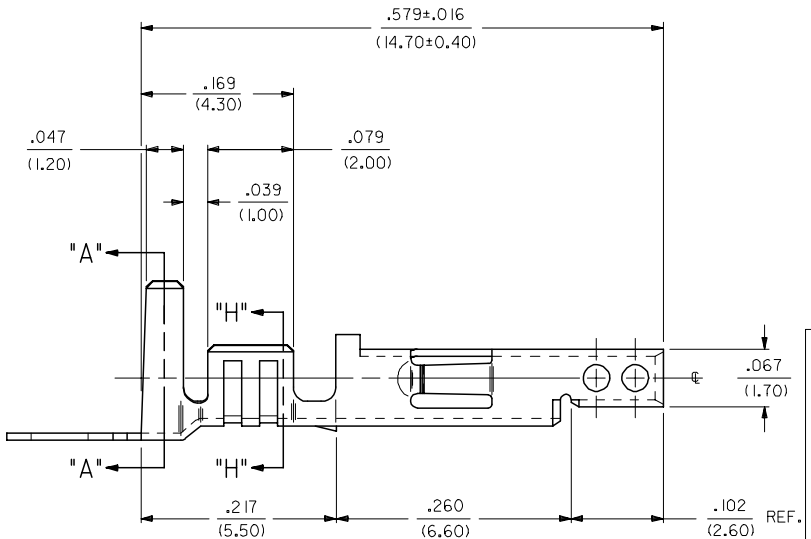
5556 - ** S * P *

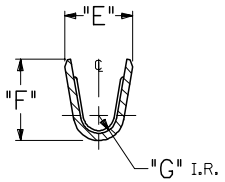
- BASE NO. — 5556
- MATERIAL — **
  - BLANK= BRASS
  - PB= PHOS. BRONZE
- S= TIN OVER NICKEL — S
- PLATING & CRIMP SIZE COMB. — *
  - BLANK THRU 5
- CHAIN OR LOOSE — P *
  - BLANK= CHAIN
  - L= LOOSE



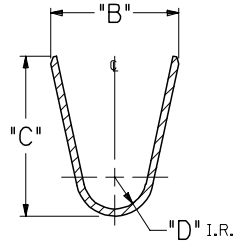

NOTES:

1. PART DESIGNED IN METRIC.
2. TERMINAL FOR USE WITH 5557, 42474, 43760 AND 30067 SERIES HOUSINGS.
3. MATES WITH 5558, 5566 AND 5569 SERIES CONNECTORS.
4. REFER TO DWG. NO. CS-5556*/5558* FOR CRIMP SPECIFICATIONS.
5. MATERIAL:
   A= BRASS, CDA 260
   B= PHOS. BRONZE, CDA 510
6. PLATING:
   A= .000100/(.00254) MIN. BRIGHT TIN OVER .000050/(.00127) MIN. NICKEL.
7. PRODUCT SPECIFICATION: PS-5556-001, PS-5556-002, PS-5556-003

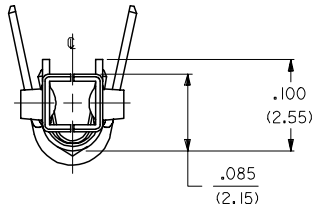



SECT. "H-H"




SECT. "A-A"




RoHS COMPLIANT

REMOVED 14 GA.
EC NO: UCP2005-2552 2005/06/01
DRWN:NDUNNE 2005/06/01
CH'KD:GPOLGAR 2005/06/03
APPR:YMARGULI
DESCRIPTION
REV
E

QUALITY SYMBOLS
▼=0
▽=0

GENERAL TOLERANCES (UNLESS SPECIFIED)

| | mm | INCH |
|---|---|---|
| 4 PLACES | ± --- | ± --- |
| 3 PLACES | ± --- | ± .010 |
| 2 PLACES | ± 0.25 | ± .014 |
| 1 PLACE | ± 0.36 | ± --- |
| ANGULAR ±1/2° | | |

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

DIMENSION STYLE: IN/MM
SCALE: 10:1
DESIGN UNITS: INCH
THIRD ANGLE PROJECTION

| | |
|---|---|
| DRAWN BY: GEP | DATE: 5/17/1990 |
| CHECKED BY: RJF | DATE: 5/17/1990 |
| APPROVED BY: RAS | DATE: 5/17/1990 |

TITLE: MINI FIT JR TERMINAL FEMALE,CRIMP,TIN/NICKLE

molex MOLEX INCORPORATED

MATERIAL NO.: SEE CHART
DOCUMENT NO.: SD-5556-SP*
SHEET NO.: 1 OF 1

SIZE C

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ОГРН: 1167746717709