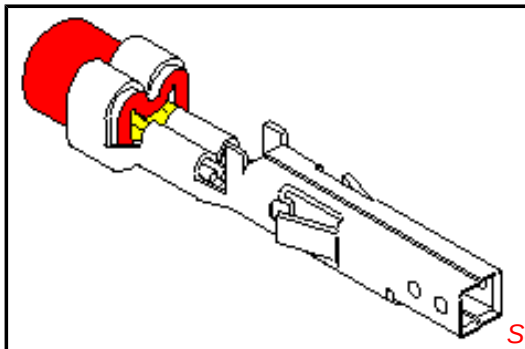
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PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number: 0039000216
Status: Active
Overview: minifit_jr
Description: 4.20mm (.165") Pitch Mini-Fit™ Crimp Terminal, Female, Phosphor Bronze, Tin (Sn), 22-28 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	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	Bag
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-PBS2PL

Reference - Drawing Numbers

Packaging Specification	PK-5556-003
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

This document was generated on 06/01/2010

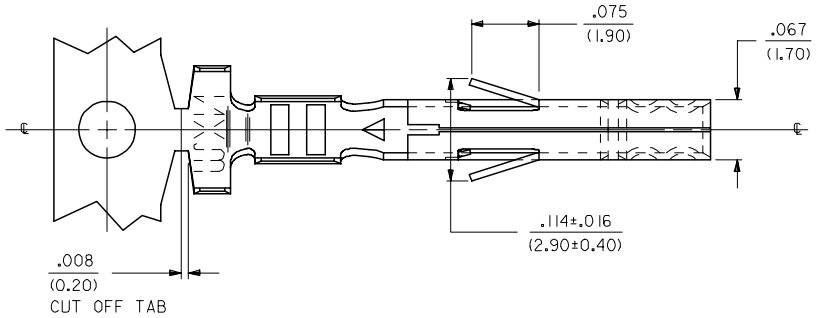
PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

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:

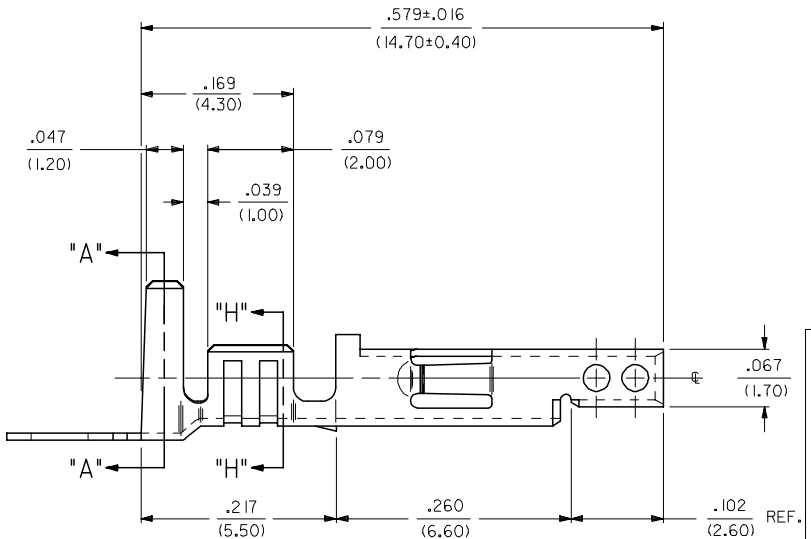
5556 - ** S * P *

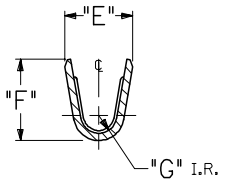
- BASE NO. — 5556
- MATERIAL — **
  - BLANK= BRASS
  - PB= PHOS. BRONZE
- S= TIN OVER NICKEL — S
- PLATING & CRIMP SIZE COMB. — *
  - BLANK THRU 5
- CHAIN OR LOOSE — P *
  - BLANK= CHAIN
  - L= LOOSE



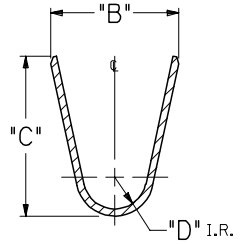
NOTES:

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

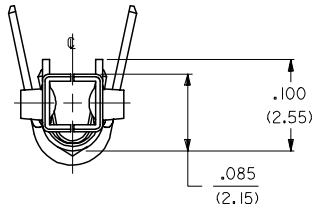




SECT. "H-H"



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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