

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

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

5556

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

Female

Phosphor Bronze

Tin

Nickel

Reel

100

2.54

50

1.27

Crimp or Compression

0.90-1.80mm (.035-.071")

22, 24, 26, 28

N/A

Electrical

Current - Maximum per Contact

Voltage - Maximum

9A

600V

Material Info

Old Part Number

5556-PBS2P

Reference - Drawing Numbers

Packaging Specification

Product Specification

Test Summary

PK-5556-001

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

TS-5556-002

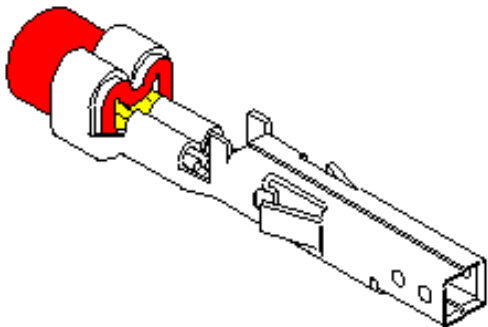


image - Reference only

Series

EU RoHS

ELV and RoHS
Compliant
REACH SVHC
Contains SVHC: No
Halogen-Free
Status

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	<u>0639002700</u>
T2 Terminator Tooling Die	<u>0639102700</u>
FineAdjust for Mini-Fit Jr.™ Crimp Terminals	<u>0639020200</u>
T2 Terminator for Mini-Fit Jr.™ Crimp Terminals	<u>0639120200</u>

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13	12	11	10	9	8	7	6	5	4	3	2	1
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			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)	
39-00-0209	5556-S2P			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)	
39-00-0210	5556-S2PL											
39-00-0211	5556-S3P											
39-00-0212	5556-S3PL											
NOT TOOLED	5556-S5P	B	A	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			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)	
39-00-0213	5556-PBSP			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)	
39-00-0214	5556-PBSPL			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)	
39-00-0215	5556-PBS2P											
39-00-0216	5556-PBS2PL											
39-00-0217	5556-PBS3P											
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. _____

MATERIAL _____

BLANK= BRASS

PB= PHOS. BRONZE

S= TIN OVER NICKEL

PLATING & CRIMP SIZE COMB. _____

BLANK THRU 5

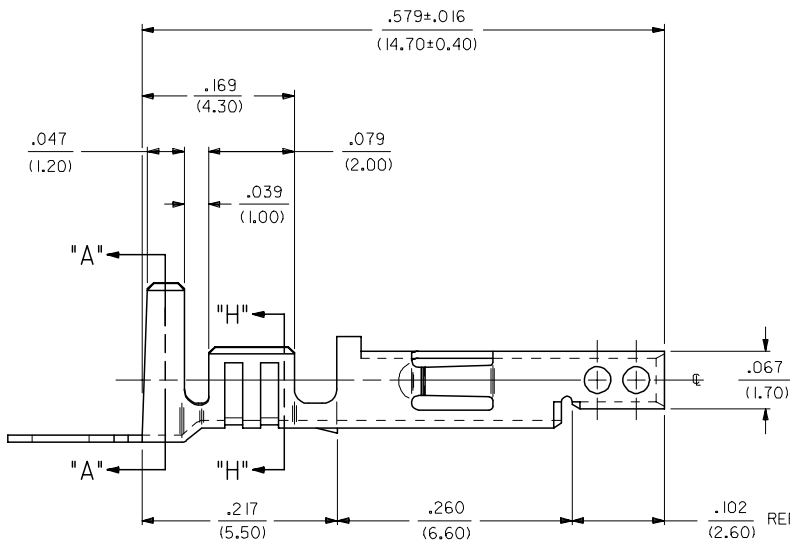
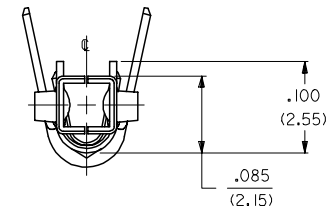
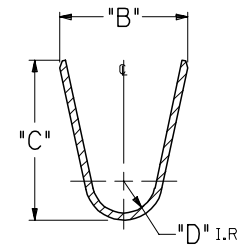
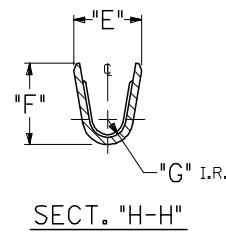
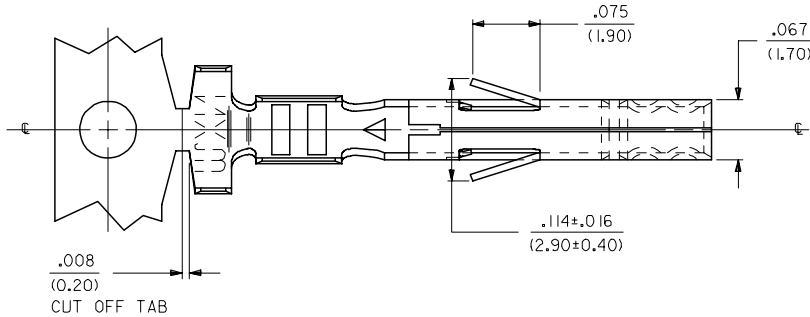
CHAIN OR LOOSE _____

BLANK= CHAIN

L= LOOSE

NOTES:

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



REMOVED 14 GA. EC NO: UCP2005-2552 DRAWNDUNE 2005/06/01 CHKD:GOLGAR 2005/06/01 APPR: YMARQUILL 2005/06/03	QUALITY SYMBOLS ▽=0 ▽=0	DESCRIPTION	REV	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE		SCALE	DESIGN UNITS	 THIRD ANGLE PROJECTION		
						IN/MM		10:1	INCH			
						DRAWN BY	DATE	TITLE MINI FIT JR TERMINAL FEMALE,CRIMP,TIN/NICKLE				
						CHECKED BY	DATE					
						APPROVED BY	DATE					
						MATERIAL NO.	DOCUMENT NO.				SHEET NO.	
						SEE CHART		SD-5556-SP*			1 OF 1	
						SIZE		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION				