

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number: [0039000210](#)
Status: **Active**
Overview: [minifit_jr](#)
Description: 4.20mm (.165") Pitch Mini-Fit™ Crimp Terminal, Female, with Tin (Sn) over Nickel (Ni), 22-28 AWG, Bag

Documents:

Drawing (PDF)	Product Specification PS-5556-002 (PDF)
Test Summary (PDF)	Product Specification PS-5556-003 (PDF)
Product Specification PS-5556-001 (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	Brass
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

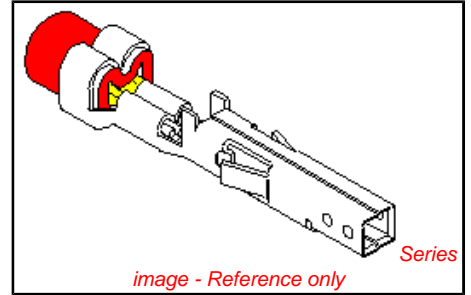
Current - Maximum per Contact	9A
Voltage - Maximum	600V

Material Info

Old Part Number	5556-S2PL
-----------------	-----------

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 Terminals	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	.177±.016	.035	.075±.012	.091±.016	.020
39-00-0208	5556-SPL					(3.60±0.30)	(4.50±0.40)	(0.90)	(1.90±0.30)	(2.40±0.40)	(0.50)
39-00-0209	5556-S2P			22-28 GA.	6,000	.091±.012	.091±.016	.024	.071±.012	.065±.016	.016
39-00-0210	5556-S2PL					(2.30±0.30)	(2.30±0.40)	(0.60)	(1.80±0.30)	(1.65±0.40)	(0.40)
39-00-0211	5556-S3P					.142±.012	.177±.016	.035	.091±.012	.106±.016	.024
39-00-0212	5556-S3PL	(3.60±0.30)	(4.50±0.30)	(0.90)	(2.30±0.30)	(2.70±0.40)	(0.60)				
NOT TOOLED	5556-S5P	B	A	28-30 GA.	6,000	.091±.012	.091±.016	.024	.050±.010	.044±.010	.010
NOT TOOLED	5556-S5PL					(2.30±0.30)	(2.30±0.40)	(.60)	(1.27±0.25)	(1.12±0.25)	(0.25)
39-00-0213	5556-PBSP			18-24 GA.	4,000	.142±.012	.177±.016	.035	.075±.012	.091±.016	.020
39-00-0214	5556-PBSPL					(3.60±0.30)	(4.50±0.40)	(0.90)	(1.90±0.30)	(2.40±0.40)	(0.50)
39-00-0215	5556-PBS2P					.091±.012	.091±.016	.024	.071±.012	.065±.016	.016
39-00-0216	5556-PBS2PL	(2.30±0.30)	(2.30±0.40)	(0.60)	(1.80±0.30)	(1.65±0.40)	(0.40)				
39-00-0217	5556-PBS3P	16 GA.	4,000	.142±.012	.177±.016	.035	.091±.012	.106±.016	.024		
39-00-0218	5556-PBS3PL			(3.60±0.30)	(4.50±0.30)	(0.90)	(2.30±0.30)	(2.70±0.40)	(0.60)		
NOT TOOLED	5556-PBS5P	28-30 GA.	6,000	.091±.012	.091±.016	.024	.050±.010	.044±.010	.010		
NOT TOOLED	5556-PBS5PL			(2.30±0.30)	(2.30±0.40)	(.60)	(1.27±0.25)	(1.12±0.25)	(0.25)		

LEGEND:

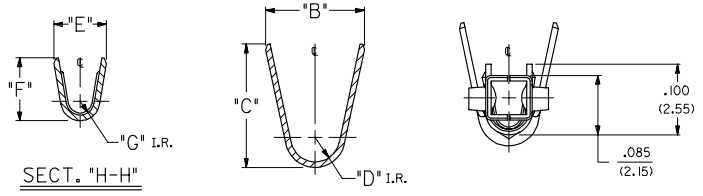
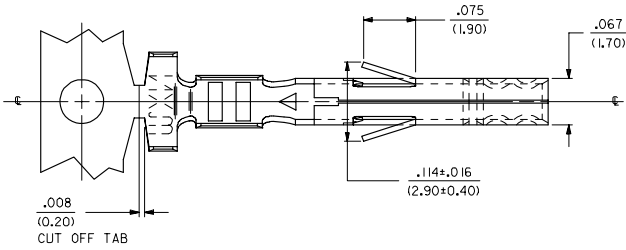
5556 - ** S * P *

BASE NO. _____
MATERIAL _____
BLANK= BRASS
PB= PHOS. BRONZE
S= TIN OVER NICKEL
PLATING & CRIMP SIZE COMB. _____
BLANK THRU 5 _____

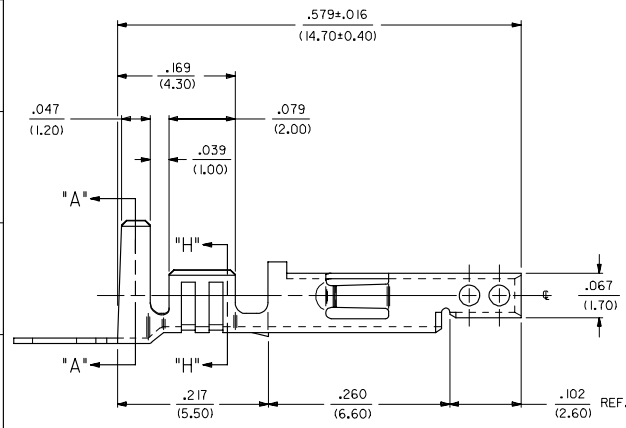
CHAIN OR LOOSE _____
BLANK= CHAIN
L= LOOSE

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



RoHS COMPLIANT



REMOVED 14 GA. EC NO. UCP2005-2552 DRW:NDUNNE 2005/06/01 CHK:KPOLGAR 2005/06/01 APP:YMGILL 2005/06/01	QUALITY SYMBOLS ▽=0	GENERAL TOLERANCES (UNLESS SPECIFIED)	DIMENSION STYLE IN/MM	SCALE 10:1	DESIGN UNITS INCH	THIRD ANGLE PROJECTION
	4 PLACES ±.--- ±.--- 3 PLACES ±.--- ±.010 2 PLACES ±.025 ±.014 1 PLACE ±.036 ±.--- ANGULAR ±1/2°	DRAWN BY GEP DATE 5/17/1990 CHECKED BY RJF DATE 5/17/1990 APPROVED BY RAS DATE 5/17/1990	MATERIAL NO. SD-5556-SP* DOCUMENT NO. SD-5556-SP* SHEET NO. 1 OF 1			