

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number:

0039000207

Status:

Active

Overview:

minifit_jr

Description:

4.20mm (.165") Pitch Mini-Fit™ Crimp Terminal, Female, with Tin (Sn) over Nickel (Ni), 18-24 AWG, Reel

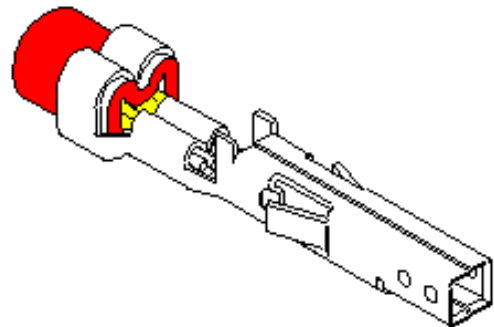


image - Reference only Series

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	Brass
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	1.30-3.10mm (.051-.122")
Wire Size AWG	18, 20, 22, 24
Wire Size mm²	N/A

Electrical

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

Material Info

Old Part Number	5556-SP
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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 #
FineAdjust™	0639015600
Applicator for Mini-Fit Jr.™, Mini-Fit HCS™ Crimp Terminals,	

18-24 AWG and smaller insulation	
T2 Terminator Die	<u>0639102600</u>
FineAdjust™	<u>0639002600</u>
Applicator	
FineAdjust™	<u>0639002900</u>
Applicator, Small	
Insulation	
T2 Terminator	<u>0639102900</u>
Tooling Die	
Extraction Tool	<u>0011030044</u>
Hand Crimp Tool for	<u>0638190900</u>
Mini-Fit™ Jr. Male	
and Female Crimp	
Terminals, 16-24	
AWG	

This document was generated on 06/01/2010

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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

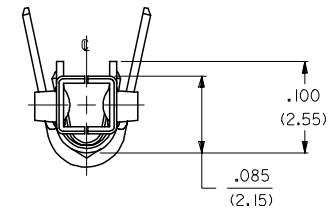
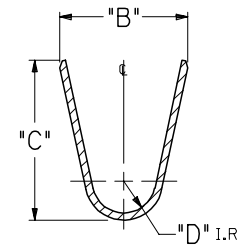
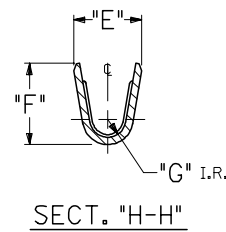
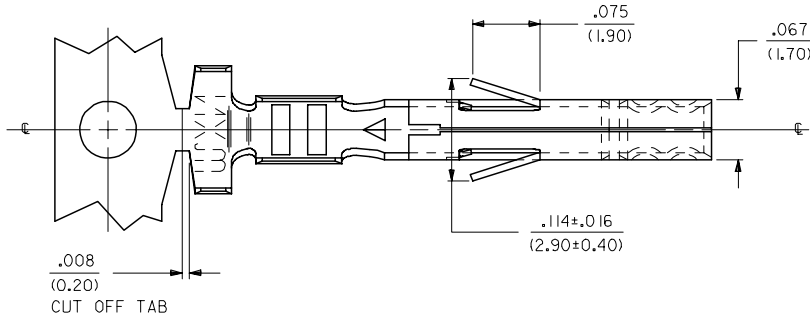
CHAIN OR LOOSE _____

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



RoHS COMPLIANT

REMOVED 14 GA. EC NO: UCP2005-2552 05/06/01 DRINKWADUNE 2005/06/01 CHKDG:POLGAR 2005/06/01 APPR: YMARQUILL 2005/06/03	QUALITY SYMBOLS ▽=0 ▽=0	DESCRIPTION	REV	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE IN/MM		SCALE 10:1	DESIGN UNITS INCH	 THIRD ANGLE PROJECTION	
				mm	INCH	DRAWN BY GEP	DATE 5/17/1990	MINI FIT JR TERMINAL FEMALE, CRIMP, TIN/NICKLE			
				4 PLACES ± --- ± ---	± ---	CHECKED BY RJF	DATE 5/17/1990				
				3 PLACES ± --- ± .010	± .010	APPROVED BY RAS	DATE 5/17/1990				MOLEX INCORPORATED
				2 PLACES ± 0.25 ± .014	± .014	MATERIAL NO.	DOCUMENT NO.	SHEET NO.			
				1 PLACE ± 0.36 ± ---	± ---	SEE CHART	SD-5556-SP*	1 OF 1			
				ANGULAR ± 1/2°		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION					
				DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SIZE					