

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number:

0505168041

Status:

Active

Description:

1.25mm (.049") Pitch Pico-Gold™ Crimp Terminal, Reel

Documents:

Drawing (PDF)

Product Specification PS-51127-002 (PDF)

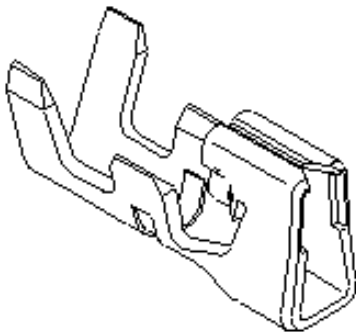
RoHS Certificate of Compliance (PDF)

General	
Product Family	Crimp Terminals
Series	50516
Crimp Quality Equipment	Yes
Product Name	Pico-Gold™
Physical	
Gender	Female
Material - Metal	Phosphor Bronze
Material - Plating Mating	Gold
Material - Plating Termination	Gold
Packaging Type	Reel
Plating min: Mating (µin)	8
Plating min: Mating (µm)	0.2
Plating min: Termination (µin)	8
Plating min: Termination (µm)	0.2
Wire Insulation Diameter	0.50-1.00mm (.020-.039")
Wire Size AWG	28, 30, 32
Wire Size mm²	N/A

Material Info

Reference - Drawing Numbers

Product Specification	PS-51127-002, RPS-51127-001, RPS-51127-003, RPS-51127-004
Sales Drawing	SD-50516-****



Series
image - Reference only

EU RoHS

ELV and RoHS Compliant

REACH SVHC

Not Reviewed

Halogen-Free Status

Not Reviewed

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
50516Series

Use With
51127 Crimp Housing

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 #
Extractor Tool for 1.25mm (.049") Pitch Pico-Gold™ Wire-to-Board Crimp Terminal	0638133400
Hand Crimp Tool, UL Approved	0638117900
FineAdjust™ Applicator	0639004300

T2 Terminator Tooling Die	<u>0639104300</u>
Japan	
Description	Product #
Applicator for M211A Bench Press, 28-32 AWG, for 50516 Crimp Terminal Side-Feed Applicator For Full-Auto Machine	<u>0573173000</u>
Hand Crimper	<u>0573175000</u>
Extraction Tool	<u>0573176000</u>

This document was generated on 05/20/2010

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D

C
DIMENSIONS IN METRIC DO NOT SCALE DRAWING

B

A

1:MM

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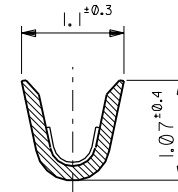
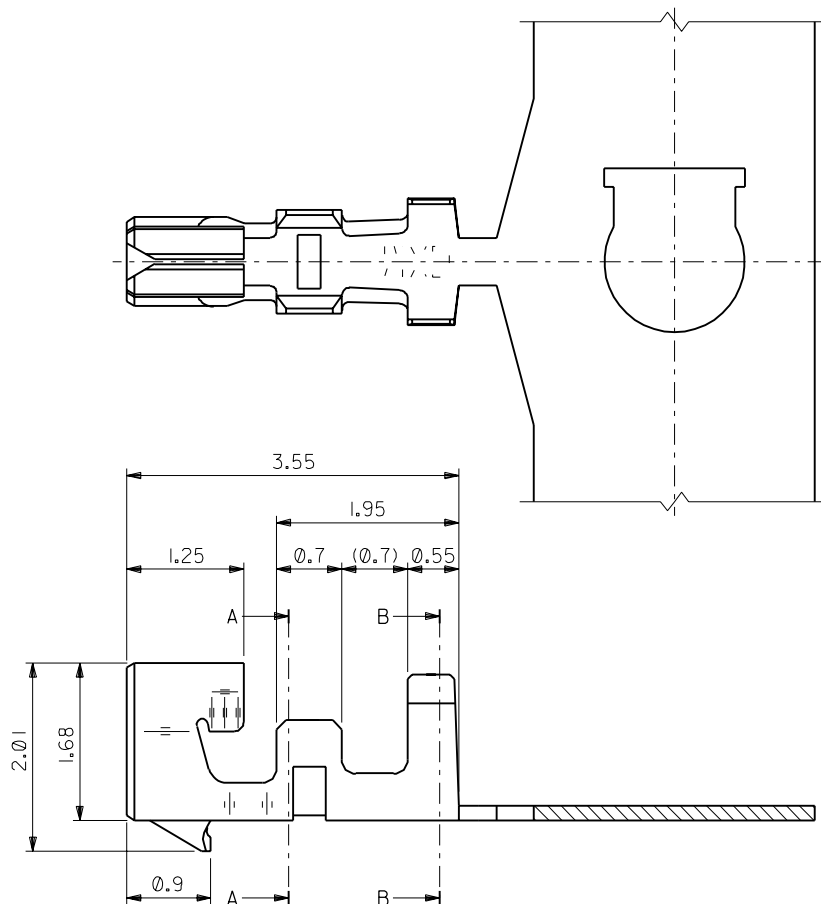
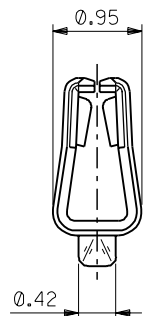
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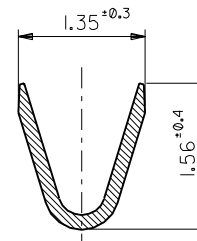
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SECT. A-A
(SCALE 20:1)



SECT. B-B
(SCALE 20:1)

注記 NOTES

★

- 適合ハウジング : 51127 シリーズ
APPLICABLE HOUSING : 51127 SERIES.
- 材質
MATERIAL
リン青銅 (t=0.152)
PHOSPHOR BRONZE (t=0.152)
- メッキ仕様
PLATING
金メッキ 0.2 μmMIN. (ニッケル下地 2.0 μmMIN.)
Au 0.2 μmMIN., Ni (UNDER) 2.0 μmMIN.

角度 ANGLE	±3°				
30°以上 OVER	±0.3				
10°以上 30°未満 OVER UNDER	±0.25	A	変更 REVISED (J40641)	M.F.	94/8/3
10°未満 UNDER	±0.2	0	新規作成 RELEASED (J40269)	M.F.	94/4/5
一般公差 GENERAL TOLERANCES		記号 LTR	変更内容 REVISION RECORD	DR. CHK.	日付 DATE

材料 MATERIAL	注記参照 SEE NOTES
仕上げ FINISH	注記参照 SEE NOTES
適用電線範囲 WIRE RANGE	AWG #28~#32
被覆外径 INS. RANGE	0.5~0.10
DRAWN BY '94/4/4	CHK'D BY '94/8/3
M.FUJIKURA	S.KUNISHI
APP'D BY '94/8/3	尺度 SCALE 10 : 1
M.FUKUSHIMA	

50516-8041	連続状 CHAIN
ENG. NO.	端子形状 FORM

molex MOLEX-JAPAN CO.,LTD.
日本モレックス株式会社

REVISE ONLY ON CAD SYSTEM
TITLE 名称

1.25 DUAL WIRE TO BOARD
CONN. CRIMP RECEPTACLE

DWG. NO.	REV
SD-50516-*****	A

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50516.S02