

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number: [0039000307](#)
Status: **Active**
Overview: [standard_093](#)
Description: 2.36mm (.093") Diameter, Standard .093" Pin and Socket Crimp Terminal, Series 1381, Female, with Tin (Sn) over Copper Plated Brass Contact, 18-24 AWG, Bag, with Dimple

Documents:

[Drawing \(PDF\)](#) [Product Specification PS-1381-007 \(PDF\)](#)
[Product Specification PS-1381-006 \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)

General

Product Family	Crimp Terminals
Series	1381
Comments	with Dimple
Crimp Quality Equipment	Yes
Overview	standard_093
Product Name	Standard .093"

Physical

Gender	Female
Material - Metal	Brass
Material - Plating Mating	Tin
Material - Plating Termination	Tin
Packaging Type	Bag
Plating min: Mating (µin)	35
Plating min: Mating (µm)	0.88
Plating min: Termination (µin)	35
Plating min: Termination (µm)	0.88
Termination Interface: Style	Crimp or Compression
Wire Insulation Diameter	1.50-3.10mm (.059-.122")
Wire Size AWG	18, 20, 22, 24
Wire Size mm ²	N/A

Electrical

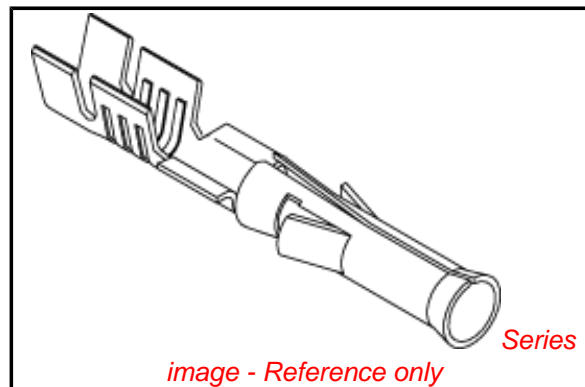
Current - Maximum per Contact	8A
Voltage - Maximum	600V

Material Info

Old Part Number	1381TL
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Reference - Drawing Numbers

Product Specification	PS-1381-006, PS-1381-007
Sales Drawing	SD-1381*



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

[1381Series](#)

Use With

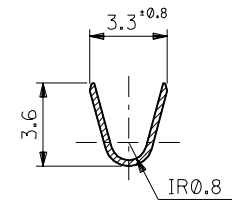
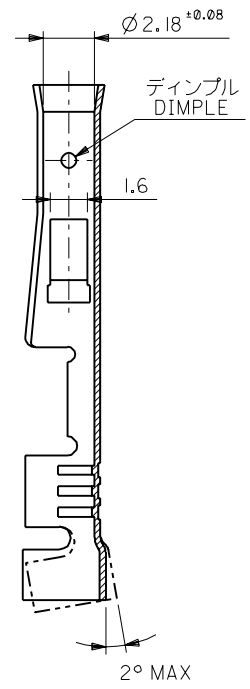
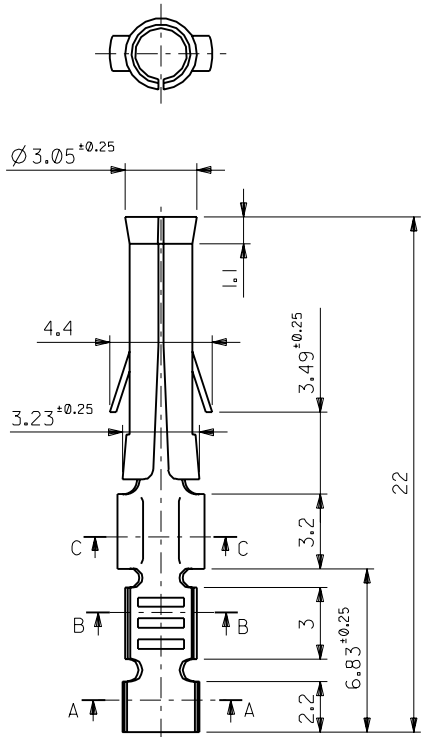
[3191r](#)

Application Tooling | FAQ

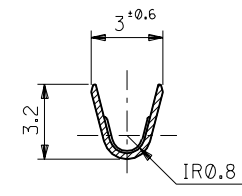
Tooling specifications and manuals are found by selecting the products below. Crimp Height Specifications are then contained in the Application Tooling Specification document.

Global

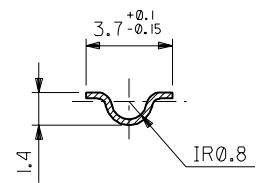
Description	Product #
Hand Crimp Tool	0638191200
Extraction Tool	0011030006



SECT. A-A



SECT. B-B



SECT. C-C

注記 NOTES:

1. 一般公差 : ±0.4
GENERAL TOLERANCES: ±0.4

ニッケル (2 μm MIN.) 下地 金 (0.35 μm MIN.) GOLD (0.35 μm MIN.) OVER NICKEL (2 μm MIN.)	無 NO	39-00-0314	I381AGL	バラ端子 LOOSE
	有 YES	39-00-0312	I381AG	連鎖状端子 CHAIN
銅 (3 μm MIN.) 下地 錫 (0.5 μm MIN.) OVER TIN (0.5 μm MIN.) OVER COPPER (3 μm MIN.)	無 NO	39-00-0310	I381AT2L	バラ端子 LOOSE
	有 YES	39-00-0311	I381G	連鎖状端子 CHAIN
銅 (0.5 μm MIN.) 下地 錫 (0.9 μm MIN.) OVER TIN (0.9 μm MIN.) OVER COPPER (0.5 μm MIN.)	無 NO	39-00-0308	I381ATL	バラ端子 LOOSE
	有 YES	39-00-0284	I381AT	連鎖状端子 CHAIN
	無 NO	39-00-0307	I381ITL	バラ端子 LOOSE
	有 YES	39-00-0285	I381IT	連鎖状端子 CHAIN
メッキ PLATING	ディンプル有無 WITH DIMPLE	EDP.NO.	ENG.NO.	形状 FORM

角度 ANGLE	±3°				
30以上 OVER	+0.3				
10以上 30未満 UNDER	+0.25				
10未満 UNDER	+0.2				
一般公差 GENERAL TOLERANCES					
記号 LTR	変更内容 REVISION RECORD	DR. CHK.	日付 DATE		
	REDRAWN (J30673) 再作図	H.H.	93/07/06		

材料 MATERIAL	黄銅 BRASS 0.264t
仕上げ FINISH	—
適用電線範囲 WIRE RANGE	AWG# 18-#24
被覆外径 INS. RANGE	φ 1.5~3.1
DRAWN BY 93/07/06	CHK'D BY 93/07/06
H.HASEGAWA	H.HIRAMOTO
APP'D BY 93/07/06	尺度 SCALE 5 : 1
M.FUKUSHIMA	

molex MOLEX-JAPAN CO.,LTD. 日本モレックス株式会社	
REVISE ONLY ON CAD SYSTEM	
TITLE 名称	
.093 DIA. FEMALE TERM.	
DWG. NO.	REV
SD-1381*	H