

**PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION**

**Part Number:** [0002091119](#)  
**Status:** **Active**  
**Overview:** Standard .093" Pin and Socket Connectors  
**Description:** 2.36mm Diameter, Standard .093" Pin and Socket Crimp Terminal, Series 1381, Female, with Tin (Sn) Plated Brass Contact, 18-22 AWG, Bag

**Documents:**

[Drawing \(PDF\)](#) [Test Summary 11890000-TS-000 \(PDF\)](#)  
[Packaging Specification PK-1190-003-001 \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)

**General**

Product Family Crimp Terminals  
 Series [1381](#)  
 Application Power, Wire-to-Wire  
 Crimp Quality Equipment Yes  
 Overview [Standard .093" Pin and Socket Connectors](#)  
 Packaging Alternative [02091117 \(Reel\)](#)  
 Product Name Standard .093"  
 UPC 800753746077

**Physical**

Durability (mating cycles max) 25  
 Gender Female  
 Material - Metal Brass  
 Material - Plating Mating Tin  
 Material - Plating Termination Tin  
 Net Weight 0.360/g  
 Packaging Type Bag  
 Plating min - Mating 0.508µm  
 Plating min - Termination 0.508µm  
 Termination Interface: Style Crimp or Compression  
 Wire Insulation Diameter 1.52-3.05mm  
 Wire Size AWG 18, 20, 22  
 Wire Size mm<sup>2</sup> N/A

**Material Info**

Engineering Number 1381-A(P901)L

**Reference - Drawing Numbers**

Packaging Specification PK-1190-003-001  
 Sales Drawing SD-1381-X-001  
 Test Summary 11890000-TS-000



Series image - Reference only

**EU ELV**

**Not Relevant**

**EU RoHS**

**Compliant**

**China RoHS**

**REACH SVHC**

Not Contained Per -  
 D(2021)4569-DC (8  
 July 2021)

**Halogen-Free**

**Status**

**Low-Halogen**

For more information, please visit [Contact US](#)

China ROHS

Green Image

ELV

Not Relevant

RoHS Phthalates

Not Contained

**Search Parts in this Series**

[1381](#) Series

**Use With**

[1619](#) Plug or Receptacle Housing,  
[1545](#) Plug or Receptacle Housing, [1396](#)  
 Plug or Receptacle Housing, [1490](#) Plug  
 or Receptacle Housing, [2629](#) Plug or  
 Receptacle Crimp Housings, [1261](#) Plug or  
 Receptacle Housing, [1292](#) Plug or Recept

**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 #
Insertion Tool for Standard .093" Pin and Socket Terminals	<a href="#">11020003</a>
Extraction Tool for Standard .093"	<a href="#">11030006</a>

Pin and Socket  
Terminals  
Extractor Tool 638240200  
for .093 and  
HCS-125 Product  
Series  
Hand Crimp Tool for 638280900  
Standard .093" Pin  
and Socket Crimp  
Terminals, 18 AWG  
Hand Crimp Tool 638281400  
for .093" Pin and  
Socket Crimp  
Terminals, 22 AWG  
Hand Crimp Tool for 638281700  
Standard .093" Pin  
and Socket Crimp  
Terminals, 20 AWG

This document was generated on 09/14/2021

**PLEASE CHECK [WWW.MOLEX.COM](http://WWW.MOLEX.COM) FOR LATEST PART INFORMATION**