

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

**Part Number:** [0002098103](#)  
**Status:** **Active**  
**Overview:** Standard .093" Pin and Socket Connectors  
**Description:** 2.36mm Diameter, Standard .093" Pin and Socket Crimp Grounding Terminal, Series 1973, Male, with Tin (Sn) Plated Brass Contact, 18-22 AWG, Reel

**Documents:**

[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)  
[Product Specification PS-02-09 \(PDF\)](#)

**General**

Product Family	Crimp Terminals
Series	<a href="#">1973</a>
Application	Power, Wire-to-Wire
Comments	Grounding Pin
Crimp Quality Equipment	Yes
Overview	<a href="#">Standard .093" Pin and Socket Connectors</a>
Packaging Alternative	<a href="#">02-09-8104 (Loose)</a>
Product Name	Standard .093"
UPC	800755490657

**Physical**

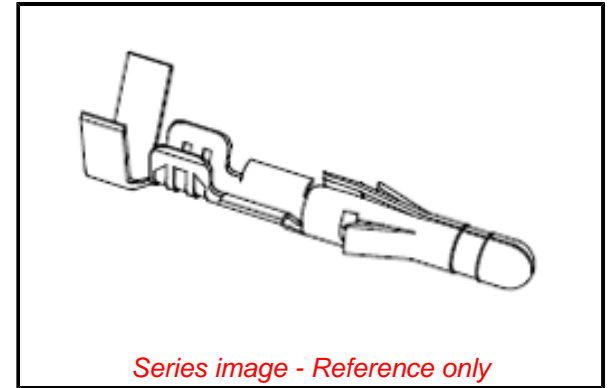
Durability (mating cycles max)	25
Gender	Male
Material - Metal	Brass
Material - Plating Mating	Tin
Material - Plating Termination	Tin
Net Weight	0.343/g
Packaging Type	Reel
Plating min - Mating	0.508µm
Plating min - Termination	0.508µm
Termination Interface: Style	Crimp or Compression
Wire Insulation Diameter	1.52-3.05mm
Wire Size AWG	18, 20, 22
Wire Size mm <sup>2</sup>	N/A

**Material Info**

Engineering Number 1973-A(P901)

**Reference - Drawing Numbers**

Product Specification [PS-02-09](#)  
 Sales Drawing [SD-1973\\*](#)



*Series image - Reference only*

**EU ELV**

**Not Relevant**

**EU RoHS**

**Compliant**

**REACH SVHC**

Not Contained Per -  
 ED/61/2018 (27 June  
 2018)

**Halogen-Free**

**Status**

**Low-Halogen**

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

China ROHS

ELV

RoHS Phthalates

**China RoHS**

Green Image

Not Relevant

Not Contained

**Search Parts in this Series**

[1973 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	<a href="#">11020003</a>
Extraction Tool	<a href="#">11030006</a>
Terminator Die	<a href="#">11402214</a>
Extractor Tool for .093 and	<a href="#">638240200</a>

HCS-125 Product  
Series

Hand Crimp Tool for 638280100  
Standard .093" Pin  
and Socket Crimp  
Terminals, Clascon  
Pin and Socket  
Crimp Terminals,  
and Commoning  
Terminals, 18 AWG  
Stranded Wire

Hand Crimp Tool 638281100  
for Standard .093"  
Pin and Socket  
Terminals, Clascon  
Pin and Socket  
Terminals, and  
Commoning  
Terminals, 20 AWG  
Mini-Mac Applicator 638924300

This document was generated on 11/22/2018

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