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**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="#">02098104 (Loose)</a>
Product Name	Standard .093"
UPC	800755490657

**Physical**

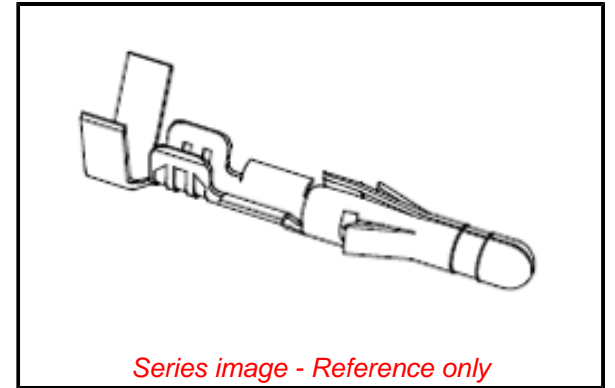
Durability (mating cycles max)	25
Gender	Male
Material - Metal	Brass
Material - Plating Mating	Tin
Material - Plating Termination	Tin
Net Weight	0.343/g
Packaging Type	Reel
Plating min - Mating	0.508µm
Plating min - Termination	0.508µm
Termination Interface: Style	Crimp or Compression
Wire Insulation 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-X](#)



**EU ELV**

**Not Relevant**

**EU RoHS**

**Compliant**

**REACH SVHC**

Not Contained Per -  
 ECHA\_01\_2020 (16  
 January 2020

**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  
Connector Crimp  
Terminals, 18 AWG

Hand Crimp Tool [638281100](#)  
for Standard .093"  
Pin and Socket  
Terminals, Clascon  
Pin and Socket  
Terminals, and  
Commoning  
Terminals, 20 AWG

Hand Crimp Tool for [638281300](#)  
Standard .093" Pin  
and Socket Crimp  
Terminals, Clascon  
Pin and Socket  
Crimp Terminals,  
and Commoning  
Connector Crimp  
Terminals, 22 AWG  
Mini-Mac Applicator [638924300](#)

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[02-09-8103](#) [02-09-8103 \(Mouser Reel\)](#) [02-09-8103 \(Cut Strip\)](#)