

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

**Part Number:** **0002091205**  
**Status:** **Active**  
**Overview:** Standard .093" Pin and Socket Connectors  
**Description:** 2.36mm Diameter, Standard .093" Pin and Socket Crimp Terminal, Series 4550, Female, with Tin (Sn) Plated Phosphor Bronze Contact, 14-20 AWG, Reel

**Documents:**

[Drawing \(PDF\)](#) [Product Specification PS-43660-9999-001 \(PDF\)](#)  
[Product Specification PS-02-09-001 \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)

**General**

Product Family Crimp Terminals  
 Series 4550  
 Application Power, Wire-to-Wire  
 Crimp Quality Equipment Yes  
 Overview Standard .093" Pin and Socket Connectors  
 Packaging Alternative 02091206 (Loose)  
 Product Name Standard .093"  
 UPC 800753746084

**Physical**

Durability (mating cycles max) 25  
 Gender Female  
 Material - Metal Phosphor Bronze  
 Material - Plating Mating Tin  
 Material - Plating Termination Tin  
 Net Weight 0.330/g  
 Packaging Type Reel  
 Plating min - Mating 0.508µm  
 Plating min - Termination 0.508µm  
 Termination Interface: Style Crimp or Compression  
 Wire Insulation Diameter 1.65-4.06mm  
 Wire Size AWG 14, 16, 18, 20  
 Wire Size mm<sup>2</sup> N/A

**Solder Process Data**

Lead-freeProcess Capability N/A

**Material Info**

Engineering Number 4550-A(P901)

**Reference - Drawing Numbers**

Product Specification PS-02-09-001, PS-43660-9999-001  
 Sales Drawing SD-4550-X-001

勝特力材料 886-3-5753170  
 勝特力电子(上海) 86-21-34970699  
 勝特力电子(深圳) 86-755-83298787  
[Http://www.100y.com.tw](http://www.100y.com.tw)



Series image - Reference only

**EU ELV**

**Not Relevant**

**EU RoHS**

**Compliant**

**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

ELV

RoHS Phthalates

**China RoHS**

Green Image

Not Relevant

Not Contained

**Search Parts in this Series**

4550 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 11020003  
 Extraction Tool for Standard .093" 11030006

Pin and Socket  
Terminals  
Terminator Die 11402001  
Extractor Tool 638240200  
for .093 and  
HCS-125 Product  
Series  
Mini-Mac Applicator 638927100  
for Standard .093"  
Pin and Socket  
Terminals, for 14-20  
AWG Wire with  
Insulation Diameter  
1.65-4.06mm  
Mini-Mac Applicator 638927300  
for Standard .093"  
Pin and Socket  
Terminals, for 14-20  
AWG Wire with  
Insulation Diameter  
1.65-4.06mm

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