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**Part Number:** **0002091104**  
**Status:** **Active**  
**Overview:** Standard .093" Pin and Socket Connectors  
**Description:** 2.36mm Diameter, Standard .093" Pin and Socket Crimp Terminal, Series 1189, Female, with Tin (Sn) Plated Brass Contact, 14-20 AWG, Bag

**Documents:**

[Drawing \(PDF\)](#) [Packaging Specification PK-1190-003 \(PDF\)](#)  
[Product Specification PS-02-09 \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)

**General**

|                         |  |
|-------------------------|--|
| Product Family          | Crimp Terminals                          |
| Series                  | 1189                                     |
| Application             | Power                                    |
| Crimp Quality Equipment | Yes                                      |
| Overview                | Standard .093" Pin and Socket Connectors |
| Packaging Alternative   | 02-09-1102 (Reel)                        |
| Product Name            | Standard .093"                           |
| UPC                     | 800753746299                             |

**Physical**

|                                |                      |
|--------------------------------|----------------------|
| Gender                         | Female               |
| Material - Metal               | Brass                |
| Material - Plating Mating      | Tin                  |
| Material - Plating Termination | Tin                  |
| Net Weight                     | 0.346/g              |
| Packaging Type                 | Bag                  |
| 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**

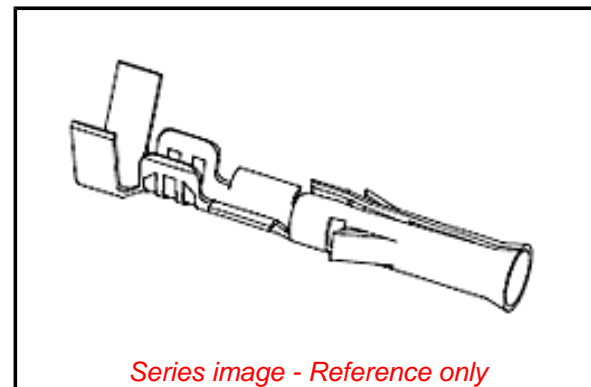
Lead-free Process Capability N/A

**Material Info**

Old Part Number 1189-A(P901)L

**Reference - Drawing Numbers**

|                         |             |
|-------------------------|-------------|
| Packaging Specification | PK-1190-003 |
| Product Specification   | PS-02-09    |
| Sales Drawing           | SD-1189-*   |



Series image - Reference only

**EU ELV**

**Not Relevant**

**EU RoHS**

**Compliant**

**REACH SVHC**

Not Contained Per -  
ED/21/2016 (20 June  
2016)

**Halogen-Free**

**Status**

**Low-Halogen**

**Need more information on product environmental compliance?**

Email [productcompliance@molex.com](mailto:productcompliance@molex.com)  
Please visit the [Contact Us](#) section for any non-product compliance questions.

China ROHS  
ELV

Green Image  
Not Relevant

**Search Parts in this Series**

1189 Series

**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="#">0011020003</a> |
| Hand Crimper - DISTRIBUTION ONLY                   | <a href="#">0638111000</a> |
| Extraction Tool                                    | <a href="#">0011030006</a> |
| Hand Crimp Tool                                    | <a href="#">0638191100</a> |
| Extractor Tool for .093 and HCS-125 Product Series | <a href="#">0638240200</a> |

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