



**Part Number :** [02091117](#)  
**Product Description :** 2.36mm Diameter,  
Standard .093" Pin and Socket Crimp  
Terminal, Series 1381, Female, with Tin (Sn)  
Plated Brass Contact, 22-18 AWG, Reel  
**Series Number :** 1381  
**Status :** Active  
**Product Category :** Crimp Terminals  
**Engineering Number :** 1381-A(P901)  
**Packaging Alternative :** 02091119 (Bag)



Documents & Resources

**Drawings**  
[002091117\\_sd.pdf](#)

**Specifications**  
[PS-43660-9999-001.pdf](#)  
[11890000-TS-000.pdf](#)

Product Environment Compliance

Compliance

|                    |                                                                                       |
|--------------------|---------------------------------------------------------------------------------------|
| GADSL/IMDS         | Compliant with Exemption 44                                                           |
| China RoHS         |  |
| EU ELV             | Not Relevant                                                                          |
| Low-Halogen Status | Low-Halogen per IEC 61249-2-21                                                        |
| REACH SVHC         | Not Contained per D(2024)6225-DC<br>(07 Nov 2024)                                     |
| EU RoHS            | Compliant per EU 2015/863                                                             |

Multiple Part Product Compliance Statements

- Eu RoHS
- REACH SVHC
- Low-Halogen

Multiple Part Industry Compliance Documents

- IPC 1752A Class C

- IPC 1752A Class D
- Molex Product Compliance Declaration
- IEC-62474
- chemSHERPA (xml)

## EU RoHS Certificate of Compliance

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### Part Details

#### General

|              |                                                                                                                                         |
|--------------|-----------------------------------------------------------------------------------------------------------------------------------------|
| Status       | Active                                                                                                                                  |
| Category     | Crimp Terminals                                                                                                                         |
| Series       | 1381                                                                                                                                    |
| Description  | 2.36mm Diameter, Standard .093" Pin and Socket Crimp Terminal, Series 1381, Female, with Tin (Sn) Plated Brass Contact, 22-18 AWG, Reel |
| Application  | Power, Wire-to-Wire                                                                                                                     |
| Product Name | Standard .093"                                                                                                                          |
| UPC          | 800753746312                                                                                                                            |

#### Physical

|                                |                      |
|--------------------------------|----------------------|
| Durability (mating cycles max) | 25                   |
| Gender                         | Female               |
| Material - Metal               | Brass                |
| Material - Plating Mating      | Tin                  |
| Material - Plating Termination | Tin                  |
| Net Weight                     | 384.000/mg           |
| 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                  |

#### Solder Process Data

|                              |     |
|------------------------------|-----|
| Lead-Free Process Capability | N/A |
|------------------------------|-----|

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## Use with Part(s)

| Description                                                 | Part Number |
|-------------------------------------------------------------|-------------|
| Standard .093" Pin and Socket Dual Row Connector Housings   | <u>1261</u> |
| Standard .093" Pin and Socket 3 Row Connector Housings      | <u>1292</u> |
| Standard .093" Pin and Socket Single Row Connector Housings | <u>1396</u> |
| Standard .093" Pin and Socket Single Row Connector Housings | <u>1490</u> |
| Standard .093" Pin and Socket Single Row Connector Housings | <u>1545</u> |
| Standard .093" Pin and Socket Single Row Connector Housings | <u>1619</u> |

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## Application Tooling

### Global

| Description                                                                                                                             | Part Number      |
|-----------------------------------------------------------------------------------------------------------------------------------------|------------------|
| Insertion Tool for Standard .093" Pin and Socket Terminals                                                                              | <u>11020003</u>  |
| Extraction Tool for Standard .093" Pin and Socket Terminals                                                                             | <u>11030006</u>  |
| Extractor Tool for .093 and HCS-125 Product Series                                                                                      | <u>638240200</u> |
| Hand Crimp Tool for Standard .093" Pin and Socket Crimp Terminals, 18 AWG                                                               | <u>638280900</u> |
| Hand Crimp Tool for .093" Pin and Socket Crimp Terminals, 22 AWG                                                                        | <u>638281400</u> |
| Hand Crimp Tool for Standard .093" Pin and Socket Crimp Terminals, 20 AWG                                                               | <u>638281700</u> |
| Mini-Mac Applicator for Standard .093" Pin and Socket Terminals, for 22-18 AWG Wire with Insulation Diameter no greater than 2.29mm MAX | <u>638924000</u> |
| Mini-Mac Applicator for Standard .093" Pin and Socket Terminals, for 22-18 AWG Wire with Insulation Diameter no greater than 3.05mm MAX | <u>638927000</u> |

