

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

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## Documents and Resources

### Drawings

002091119_sd.pdf

PK-1190-003-001.pdf

STEP AP242

SOLIDWORKS

Creo

### Specifications

PS-43660-9999-001.pdf

11890000-TS-000.pdf

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## Product Environment Compliance

### Compliance

| | |
|---|---|
| GADSL/IMDS | Compliant with Exemption 44 |
| China RoHS | per SJ/T 11365-2006 |
| EU ELV | Not Relevant |
| Low-Halogen Status | Low-Halogen per IEC 61249-2-21 |
| REACH SVHC | Not Contained per D(2025)7771-DC (04 Feb 2026) |
| EU RoHS | Compliant per EU 2015/863 |

Compliance Statements

- EU RoHS
- REACH SVHC

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- Low-Halogen

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

Substances of Interest
- PFAS

EU RoHS Certificate of Compliance

Additional Product Compliance Information

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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, Bag |
| Application | Wire-to-Wire |
| Product Name | Standard .093" |
| UPC | 800753746077 |

### Physical

| | |
|---|---|
| Durability (mating cycles max) | 25 |
| Gender | Female |
| Material - Metal | Brass |
| Material - Plating Mating | Tin |
| Material - Plating Termination | Tin |
| Net Weight | 0.360/g |
| Packaging Type | Bag |
| Plating min - Mating | 0.508µm |
| Plating min - Termination | 0.508µm |
| Termination Interface Style | Crimp or Compression |

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| | |
|---|---|
| Wire Insulation Diameter | 1.52-3.05mm |
| Wire Size (AWG) | 18, 20, 22 |
| Wire Size $mm^2$ | N/A |

## Mates With / Use With

### Use with Part(s)

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

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## Application Tooling

## Global

| Description | Part Number |
|---|---|
| Insertion Tool for Standard .093" Pin and Socket Terminals | 11020003 |
| Extraction Tool for Standard .093" Pin and Socket Terminals | 11030006 |
| Extractor Tool for .093 and HCS-125 Product Series | 638240200 |
| Hand Crimp Tool for Standard .093" Pin and Socket Crimp Terminals, 18 AWG | 638280900 |
| Hand Crimp Tool for .093" Pin and Socket Crimp Terminals, 22 AWG | 638281400 |

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| | |
|---|---|
| Hand Crimp Tool for Standard .093" Pin and Socket Crimp Terminals, 20 AWG | 638281700 |



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