



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 Part Number : 1381-A(P901)
Packaging Alternative : [02091119](#) (Bag)



Documents and Resources

Drawings

[002091117 sd.pdf](#)
[STEP AP242](#)
[SOLIDWORKS](#)
[Creo](#)

Specifications

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

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
- 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

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 ²	N/A

Solder Process Data

Lead-Free Process Capability	N/A
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Mates With / Use With

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>

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	<u>638280900</u>

Crimp Terminals, 18 AWG	
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>