



Part Number : 02085101

Series Number : 1881

Product Category : Crimp Terminals

Packaging Alternative : 02081102 (Bag)

Product Description : Claspcon Crimp  
Terminal Socket, Tin (Sn) Plated Brass  
Contact, 16-24 AWG, Reel

Status : Active

Engineering Number : 1881-2C1A-I


Documents & Resources

Drawings

Drawing 002085101\_sd.pdf

Product Environment Compliance

Compliance

GADSL/IMDS	Not Relevant
China RoHS	
EU ELV	Not Relevant
Low-Halogen Status	Low-Halogen per IEC 61249-2-21
REACH SVHC	Not Contained per D(2024)4144-DC (27 June 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

Part Details

General

Status	Active
Category	Crimp Terminals
Series	1881
Description	Claspcon Crimp Terminal Socket, Tin (Sn) Plated Brass Contact, 16-24 AWG, Reel
Application	Power, Wire-to-Board
Comments	Interleaf Paper Throughout Reel
Product Name	Claspcon
UPC	884982640559

## Agency

CSA	LR19980
UL	E29179

## Physical

Gender	Female
Material - Metal	Brass
Material - Plating Mating	Tin
Material - Plating Termination	Tin
Net Weight	0.326/g
Packaging Type	Reel
Plating min - Mating	0.508µm
Plating min - Termination	0.508µm
Termination Interface Style	Crimp or Compression
Wire Insulation Diameter	3.50mm max.
Wire Size (AWG)	16, 18, 20, 22, 24
Wire Size mm <sup>2</sup>	N/A

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## Application Tooling

### Global

Description	Part Number
Hand Crimp Tool for Claspcon Socket Crimp Terminals, 16 AWG	<u>638279900</u>

Hand Crimp Tool for Standard .093" Pin and Socket Crimp Terminals, Claspcon Pin and Socket Crimp Terminals, and Commoning Connector Crimp Terminals, 18 AWG	<u>638280100</u>
Hand Crimp Tool for Standard .093" Pin and Socket Crimp Terminals, Claspcon Pin and Socket Crimp Terminals, and Commoning Connector Crimp Terminals, 22 AWG	<u>638281300</u>