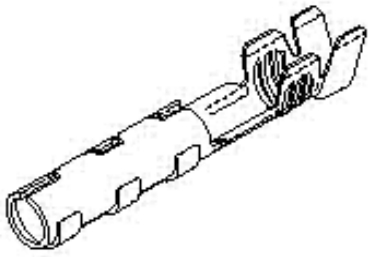
Part Number : 02081102
Product Description : Claspcon Crimp Terminal Socket, Tin (Sn) Plated Brass Contact, 24-16 AWG, Bag
Series Number : 1881
Status : Active
Product Category : Crimp Terminals
Engineering Part Number : 1881-2L1A
Packaging Alternative : 02081101 (Reel)



Documents and Resources

Drawings

002081102_sd.pdf

PK-1190-003-001.pdf

STEP AP242

SOLIDWORKS

Creo

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	1881
Description	Claspcon Crimp Terminal Socket, Tin (Sn) Plated Brass Contact, 24-16 AWG, Bag
Application	Power, Wire-to-Board
Product Name	Claspcon
UPC	800753618435

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	Bag
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^2	N/A

Solder Process Data

Lead-Free Process Capability	N/A

Application Tooling

Global

Description	Part Number
Extraction Tool for Standard .093" Pin and Socket Terminals	11030006
Hand Crimp Tool for Claspcon Socket Crimp Terminals, 16 AWG	638279900
Hand Crimp Tool for Standard .093" Pin and Socket Crimp Terminals, Claspcon Pin and Socket Crimp Terminals, and Commoning Connector Crimp Terminals, 18 AWG	638280100
Hand Crimp Tool for Standard .093" Pin and Socket Terminals, Claspcon Pin and Socket Terminals, and Commoning Terminals, 20 AWG	638281100
Hand Crimp Tool for Standard .093" Pin and Socket Crimp Terminals, Claspcon Pin and Socket Crimp Terminals, and Commoning Connector Crimp Terminals, 22 AWG	638281300
Hand Crimp Tool for Claspcon Socket Crimp Terminals, 24 AWG	638281600