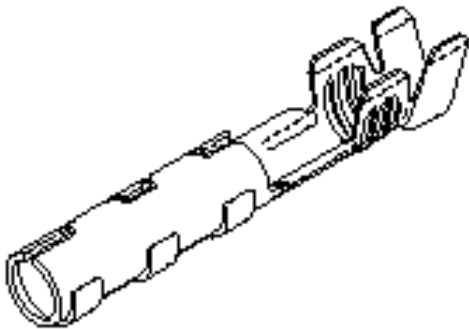# molex

Part Number : 02085101

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

Series Number : 1881

Status : Active

Product Category : Crimp Terminals

Engineering Number : 1881-2C1A-I

Packaging Alternative : 02081102 (Bag)

Documents & Resources

Drawings

002085101_sd.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 (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)

Part Details

General

Status	Active
Category	Crimp Terminals
Series	1881
Description	Claspcon Crimp Terminal Socket, Tin (Sn) Plated Brass Contact, 24-16 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 mm²	N/A

Application Tooling

Global

Description	Part Number
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 Crimp Terminals, Claspcon Pin and Socket Crimp Terminals, and Commoning Connector Crimp Terminals, 22 AWG	638281300

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