molex

Part Number : 02081102

Series Number : 1881
Product Category : Crimp Terminals
Packaging Alternative : 02081101 (Reel)

Product Description : Claspcon Crimp Terminal Socket, Tin (Sn) Plated Brass Contact, 16-24 AWG, Bag
Status : Active
Engineering Number : 1881-2L1A

Documents & Resources

Drawings
Drawing_002081102_sd.pdf
Packaging Design Drawing_PK-1190-003-001.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, 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 mm²	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

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