Part Number : 1510878401

Product Description : Milli-Grid Crimp Terminal, Male, 0.75µm Gold (Au) Plating, Reel, Lead free

Series Number : 151087

Status : Active

Product Category : Crimp Terminals

Documents & Resources

Drawings

Drawing_1510878401_sd.pdf

Packaging Design Drawing_PK-151087-0001-001.pdf

Tooling Specifications

Crimp Specification_CS-151087-0001-001.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(2023)8585-DC (23 Jan 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	151087
Description	Milli-Grid Crimp Terminal, Male, 0.75µm Gold (Au) Plating, Reel, Lead free
Application	Power, Wire-to-Wire
Comments	See Product Specification for maximum current rating by wire AWG
Product Family	Milli-Grid Connector System
Product Name	Milli-Grid
UPC	889056694209

Electrical

Current - Maximum per Contact	2.5A
Voltage - Maximum	125V AC

Physical

Durability (mating cycles max)	50
Gender	Male
Material - Metal	Copper Alloy
Material - Plating Mating	Gold
Material - Plating Termination	Tin
Net Weight	46.000/mg
Packaging Type	Reel
Plating min - Mating	0.750µm
Plating min - Termination	2.500µm
Termination Interface Style	Crimp or Compression
Wire Insulation Diameter	1.40mm max.
Wire Size (AWG)	24, 26, 28, 30
Wire Size mm^2	0.05-0.22

Solder Process Data

Lead-Free Process Capability	N/A

Use with Part(s)

Description	Part Number
Milli-Grid Single Row Plug Housings	151098

Application Tooling

Global

Description	Part Number
Hand Crimp Tool for Milli-Grid Male Crimp Terminals, 24-30 AWG Wires	2002182700
FA2 Mechanical Feed Crimp Applicator for Milli-Grid Crimp Terminals, 24 AWG UL1061 Wire and 26-30 AWG UL1007 Wire	2130691700
FA2 Pneumatic Feed Crimp Applicator for Milli-Grid Crimp Terminals, 24 AWG and 26-30 AWG, UL1061 and UL1007 Wire	2130691710