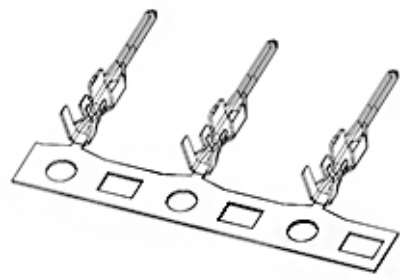




Part Number : [1510878401](#)
Product Description : Milli-Grid Crimp
Terminal, Male, 0.75µm Gold (Au) Plating,
Reel, Lead free
Series Number : 151087
Status : Active
Product Category : Crimp Terminals



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(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)

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
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Use with Part(s)

Description	Part Number
Milli-Grid Single Row Plug Housings	<u>151098</u>

Application Tooling

Global

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