

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number: [1510878401](#)
Status: **Active**
Overview: [Milli-Grid Connector System](#)
Description: [Milli-Grid Crimp Terminal, Male, 0.75µm Gold \(Au\) Plating, Reel, Lead free](#)

Documents:

[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)
[Packaging Specification PK-151087-0001-001 \(PDF\)](#)

General

Product Family	Crimp Terminals
Series	151087
Application	Power, Wire-to-Wire
Comments	See Product Specification for maximum current rating by wire AWG
Crimp Quality Equipment	Yes
Overview	Milli-Grid Connector System
Product Name	Milli-Grid
UPC	889056694209

Physical

Durability (mating cycles max)	50
Gender	Male
Material - Metal	Copper Alloy
Material - Plating Mating	Gold
Material - Plating Termination	Tin
Net Weight	24.864/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

Electrical

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

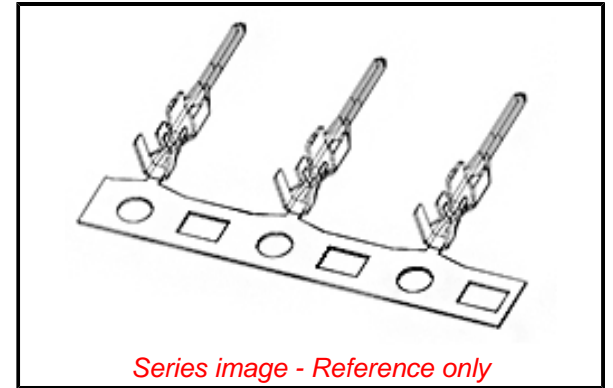
Solder Process Data

Lead-free Process Capability	N/A
------------------------------	-----

Material Info

Reference - Drawing Numbers

Crimp Specification	CS-151087-0001-001
Packaging Specification	PK-151087-0001-001
Sales Drawing	SD-151087-0001-001



EU ELV

Not Relevant

EU RoHS

Compliant

REACH SVHC

Not Contained Per -
D(2020)4578-DC (25
June 2020)

Halogen-Free

Status

Low-Halogen

For more information, please visit [Contact US](#)

China ROHS

ELV

RoHS Phthalates

China RoHS

Green Image

Not Relevant

Not Contained

Search Parts in this Series

[151087 Series](#)

Use With

[Milli-Grid Plug Housing 151098](#)

Application Tooling | FAQ

Tooling specifications and manuals are found by selecting the products below. Crimp Height Specifications are then contained in the Application Tooling Specification document.

Global

Description

Product #

Hand Crimp Tool for	2002182700
Milli-Grid Male Crimp	
Terminals, 24-30	
AWG Wires	
FA2 Mechanical	2130691700
Feed Crimp	
Applicator for	
Milli-Grid Crimp	
Terminals, 24 AWG	
UL1061 Wire and	

This document was generated on 07/17/2020

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION