**Part Number :** 873969051
**Product Description :** Milli-Grid  Crimp Terminal, Chain, 0.75µm  Select Gold, Lead free
**Series Number :** 87396
**Status :** Active
**Product Category :** Crimp Terminals



## Documents & Resources

### Drawings

873969051_sd.pdf

PK-151087-0001-001.pdf

873960001-PK-000.pdf

STEP AP242

SOLIDWORKS

Creo

### Specifications

PS-51110-002-001.pdf

### Tooling Specifications

CS-87396-001-001.pdf

## Product Environment Compliance

### Compliance

| | |
|---|---|
| GADSL/IMDS | Not Relevant |
| China RoHS | per SJ/T 11365-2006 |
| EU ELV | Not Relevant |
| Low-Halogen Status | Low-Halogen per IEC 61249-2-21 |
| REACH SVHC | Not Contained per D(2025)4165-DC (25 June 2025) |
| EU RoHS | Compliant per EU 2015/863 |

Compliance Statements

- EU RoHS

- REACH SVHC
- Low-Halogen

Industry Documents
- IPC 1752A Class C
- IPC 1752A Class D
- Molex Product Compliance Declaration
- IEC-62474
- chemSHERPA (xml)

Substances of Interest
- PFAS

EU RoHS Certificate of Compliance

Additional Product Compliance Information

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## Part Details

### General

| | |
|---|---|
| Status | Active |
| Category | Crimp Terminals |
| Series | 87396 |
| Description | Milli-Grid  Crimp Terminal, Chain, 0.75µm  Select Gold, Lead free |
| Application | Signal, Wire-to-Board, Wire-to-Wire |
| Product Name | Milli-Grid |
| UPC | 884982413269 |

### Electrical

| | |
|---|---|
| Current - Maximum per Contact | 1.5A, 1.0A, 2.5A, 2.0A |
| Voltage - Maximum | 125V AC (RMS)/DC |

### Physical

| | |
|---|---|
| Durability (mating cycles max) | 50 |
| Gender | Female |
| Material - Metal | Phosphor Bronze |
| Material - Plating Mating | Gold |
| Material - Plating Termination | Nickel |
| Net Weight | 23.178/mg |
| Packaging Type | Reel |

| | |
|---|---|
| Plating min - Mating | 0.750µm |
| Plating min - Termination | 2.032µm |
| Termination Interface Style | Crimp or Compression |
| Wire Insulation Diameter | N/A |
| Wire Size (AWG) | 22, 24, 26, 28 |
| Wire Size $mm^2$ | N/A |

**Solder Process Data**

| | |
|---|---|
| Lead-Free Process Capability | N/A |

## Mates With / Use With

**Use with Part(s)**

| Description | Part Number |
|---|---|
| Milli-Grid Dual Row Receptacle Housings | 151192 |
| Milli-Grid Dual Row Receptacle Housings | 51110 |

## Application Tooling

## Global

| Description | Part Number |
|---|---|
| FineAdjust Applicator for 2.00mm (.079") Grid Wire-to-Board Crimp Terminal | 639020900 |
| Hand Crimp Tool for Milli-Grid Female Crimp Terminals, 28-22 AWG, UL 1007 and UL 1061 Wires | 2238634500 |