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**Part Number:** [0503948100](#)  
**Status:** **Active**  
**Overview:** [Milli-Grid™ Connector System](#)  
**Description:** [Milli-Grid™ Crimp Terminal, Female, 0.38µm Select Gold, Bag, Lead free](#)

**Documents:**

[3D Model](#) [RoHS Certificate of Compliance \(PDF\)](#)  
[Drawing \(PDF\)](#) [Product Literature \(PDF\)](#)  
[Product Specification PS-51110-001-001 \(PDF\)](#)

**General**

|                             |  |
|-----------------------------|--|
| Product Family              | Crimp Terminals                              |
| Series                      | <a href="#">50394</a>                        |
| Application                 | Signal                                       |
| Crimp Quality Equipment     | Yes  |
| MolexKits                   | Yes  |
| Overview                    | <a href="#">Milli-Grid™ Connector System</a> |
| Packaging Alternative       | <a href="#">50394-8051 (Reel)</a>            |
| Product Literature Order No | 987650-1991                                  |
| Product Name                | Milli-Grid™                                  |
| UPC                         | 800753576216                                 |

**Physical**

|                                |                      |
|--------------------------------|----------------------|
| Gender                         | Female               |
| Material - Metal               | Phosphor Bronze      |
| Material - Plating Mating      | Gold                 |
| Material - Plating Termination | Nickel               |
| Net Weight                     | 24.329/mg            |
| Packaging Type                 | Bag                  |
| Plating min - Mating           | 0.381µm              |
| Plating min - Termination      | 2.032µm              |
| Termination Interface: Style   | Crimp or Compression |
| Wire Insulation Diameter       | 1.40mm max.          |
| Wire Size AWG                  | 24, 26, 28, 30       |
| Wire Size mm²                  | N/A                  |

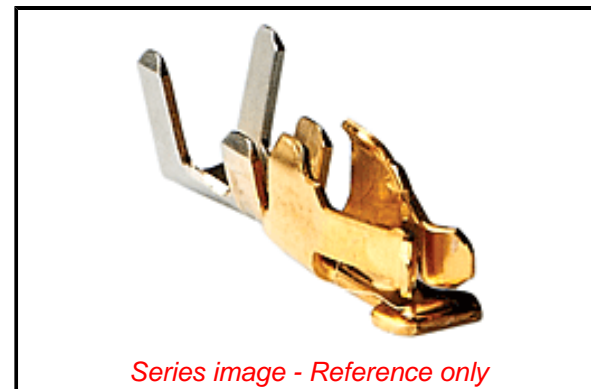
**Solder Process Data**

|                             |     |
|-----------------------------|-----|
| Lead-freeProcess Capability | N/A |
|-----------------------------|-----|

**Material Info**

**Reference - Drawing Numbers**

|                       |                   |
|-----------------------|-------------------|
| Product Specification | PS-51110-001-001  |
| Sales Drawing         | SD-50394-8XXX-000 |



*Series image - Reference only*

**EU ELV**

**Not Relevant**

**EU RoHS**

**Compliant**

**REACH SVHC**

Not Contained Per -  
ED/21/2016 (20 June  
2016)

**Halogen-Free**

**Status**

**Low-Halogen**

**Need more information on product environmental compliance?**

Email [productcompliance@molex.com](mailto:productcompliance@molex.com)  
Please visit the [Contact Us](#) section for any non-product compliance questions.

China ROHS

ELV

RoHS Phthalates

Green Image

Not Relevant

Not Contained

**Search Parts in this Series**

[50394 Series](#)

**Use With**

Milli-Grid™ Receptacle Housing [51110](#) ,  
[151100](#)