

**PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION**

**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 50394  
Application Signal, Wire-to-Board, Wire-to-Wire  
Crimp Quality Equipment Yes  
Overview Milli-Grid Connector System  
Packaging Alternative 50394-8051 (Reel)  
Product Literature Order No 987650-1991  
Product Name Milli-Grid  
UPC 800753576216

**Physical**

Gender Female  
Material - Metal Copper Alloy  
Material - Plating Mating Gold  
Material - Plating Termination Nickel  
Net Weight 24.261/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 mm<sup>2</sup> N/A

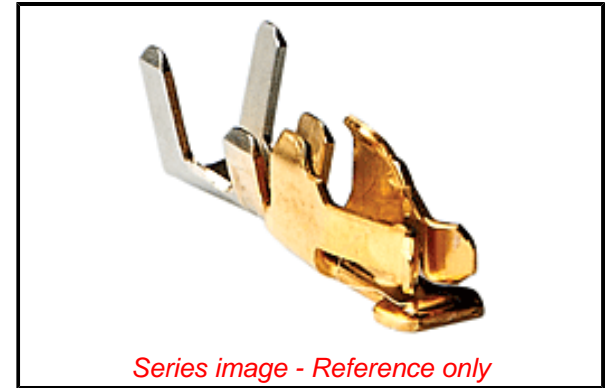
**Solder Process Data**

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/61/2018 (27 June  
2018)

**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**

[50394 Series](#)

**Use With**

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