

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

**Part Number:** [0503948400](#)  
**Status:** **Active**  
**Overview:** [Milli-Grid™ Connector System](#)  
**Description:** [Milli-Grid™ Crimp Terminal, Female, Gold Flash, Bag, Lead free](#)

**Documents:**

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

**General**

Product Family [Crimp Terminals](#)  
Series [50394](#)  
Application [Signal](#)  
Crimp Quality Equipment [Yes](#)  
Overview [Milli-Grid™ Connector System](#)  
Packaging Alternative [50394-8054 \(Reel\)](#)  
Product Name [Milli-Grid™](#)  
UPC [822350912617](#)

**Physical**

Durability (mating cycles max) [50](#)  
Gender [Female](#)  
Material - Metal [Phosphor Bronze](#)  
Material - Plating Mating [Gold](#)  
Material - Plating Termination [Nickel](#)  
Net Weight [0.023/g](#)  
Packaging Type [Bag](#)  
Plating min - Mating [0.051µm](#)  
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](#)

**Electrical**

Current - Maximum per Contact [2.0A](#)  
Voltage - Maximum [125V AC \(RMS\)/DC](#)

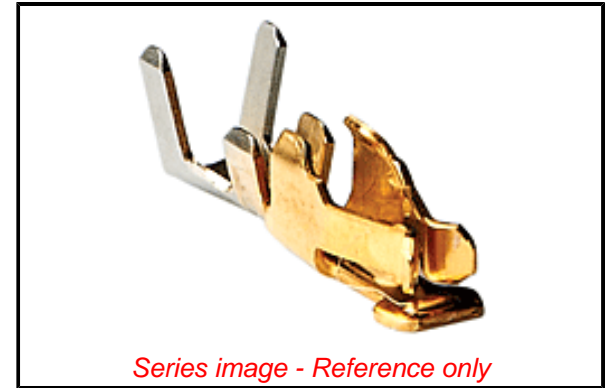
**Solder Process Data**

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/30/2017 (7 July  
2017)

**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](#)