

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

**Part Number:** [0503948051](#)  
**Status:** **Active**  
**Overview:** [Milli-Grid™ Connector System](#)  
**Description:** [Milli-Grid™ Crimp Terminal, Reel, 0.38µm Select Gold, Lead free](#)

**Documents:**

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

**General**

Product Family [Crimp Terminals](#)  
Series [50394](#)  
Application [Signal](#)  
Crimp Quality Equipment [Yes](#)  
Overview [Milli-Grid™ Connector System](#)  
Packaging Alternative [50394-8100 \(Loose\)](#)  
Product Literature Order No [987650-1991](#)  
Product Name [Milli-Grid™](#)  
UPC [800753576193](#)

**Physical**

Gender [Female](#)  
Material - Metal [Phosphor Bronze](#)  
Material - Plating Mating [Gold](#)  
Material - Plating Termination [Nickel](#)  
Net Weight [24.300/mg](#)  
Packaging Type [Reel](#)  
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](#)

**Electrical**

Current - Maximum per Contact [0.5A, 1.5A, 1.0A, 2.0A](#)  
Voltage - Maximum [125V](#)

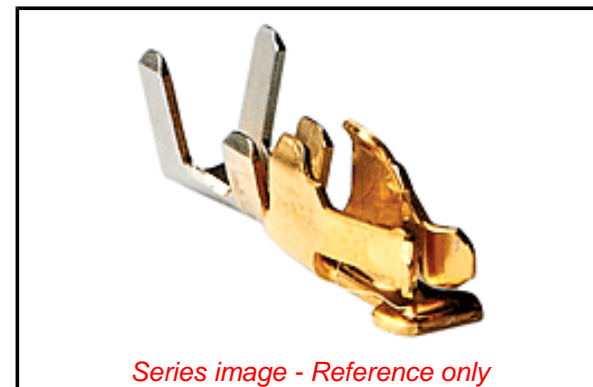
**Solder Process Data**

Lead-freeProcess Capability [N/A](#)

**Material Info**

**Reference - Drawing Numbers**

Product Specification [PS-51110-001](#)  
Sales Drawing [SD-50394-8\\*\\*\\*, SD-50394-8XXX](#)



*Series image - Reference only*

**EU ELV**

**Compliant**

**EU RoHS**

**Compliant**

**REACH SVHC**

Contains SVHC(2015  
June 15): No

**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

Green Image  
Compliant

**Search Parts in this Series**

[50394 Series](#)

**Use With**

[51110 Crimp Housing](#)

**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 #
T2 Terminator Die	<a href="#">0639105200</a>
FineAdjust™ Applicator for 2.00mm Pitch Wire- to-Board Crimp Terminals, 24-30 AWG Wire	<a href="#">0639005200</a>

Hand Crimp Tool for 0638190100  
Crimp Terminals

**Japan**

<b>Description</b>	<b>Product #</b>
--------------------	------------------

Applicator for M211A	<u>0573153000</u>
----------------------	-------------------

Bench Press, 24-30

AWG Wire

Hand Extraction Tool 0011267074

This document was generated on 09/11/2015

**PLEASE CHECK [WWW.MOLEX.COM](http://WWW.MOLEX.COM) FOR LATEST PART INFORMATION**