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

**Documents:**

<a href="#">3D Model</a>	<a href="#">RoHS Certificate of Compliance (PDF)</a>
<a href="#">Drawing (PDF)</a>	<a href="#">Product Literature (PDF)</a>
<a href="#">Product Specification PS-51110-001 (PDF)</a>	

**General**

Product Family	Crimp Terminals
Series	<a href="#">50394</a>
Application	Signal
Crimp Quality Equipment	Yes
Overview	<a href="#">Milli-Grid™ Connector System</a>
Packaging Alternative	<a href="#">50394-8100 (Loose)</a>
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

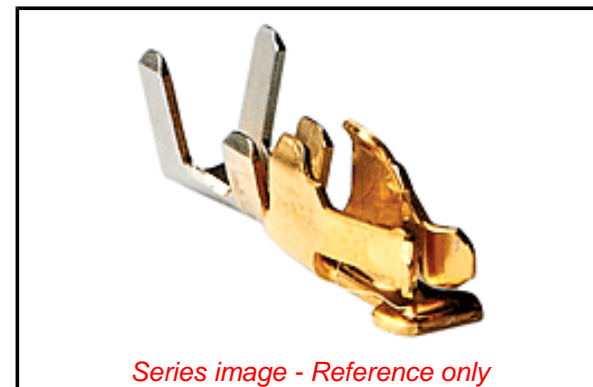
**Solder Process Data**

Lead-free Process Capability	N/A
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**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**

Not Contained Per  
-ED/79/2015 (17  
December 2015)

**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**

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

**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 #
Manual Extraction Tool	<a href="#">0638131400</a>
Hand Crimp Tool for Crimp Terminals	<a href="#">0638190100</a>
FineAdjust™ Applicator for	<a href="#">0639005200</a>

2.00mm Pitch Wire-  
to-Board Crimp  
Terminals, 24-30  
AWG Wire  
T2 Terminator Die 0639105200

**Japan**

<b>Description</b>	<b>Product #</b>
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Hand Extraction Tool	<u>0011267074</u>
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Applicator for M211A	<u>0573153000</u>
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Bench Press, 24-30

AWG Wire

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