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**Part Number:** [0503948052](#)  
**Status:** **Active**  
**Overview:** [Milli-Grid Connector System](#)  
**Description:** 2.00mm Pitch, Milli-Grid Female Crimp Terminal, 0.76µm Select Gold, Reel, Lead-Free

**Documents:**

<a href="#">3D Model</a>	<a href="#">Packaging Specification 503940001-000 (PDF)</a>
<a href="#">3D Model (PDF)</a>	<a href="#">Product Guide (PDF)</a>
<a href="#">Drawing (PDF)</a>	<a href="#">RoHS Certificate of Compliance (PDF)</a>
<a href="#">Product Specification PS-51110-001-001 (PDF)</a>	

**General**

Product Family	Crimp Terminals
Series	<a href="#">50394</a>
Application	Signal, Wire-to-Board, Wire-to-Wire
Crimp Quality Equipment	Yes
Overview	<a href="#">Milli-Grid Connector System</a>
Packaging Alternative	<a href="#">503948200 (Loose)</a>
Product Name	Milli-Grid
UPC	800753576209

**Physical**

Durability (mating cycles max)	50
Gender	Female
Material - Metal	Copper Alloy
Material - Plating Mating	Gold
Material - Plating Termination	Nickel
Net Weight	0.023/g
Packaging Type	Reel
Plating min - Mating	0.762µm
Plating min - Termination	2.000µm
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

**Electrical**

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

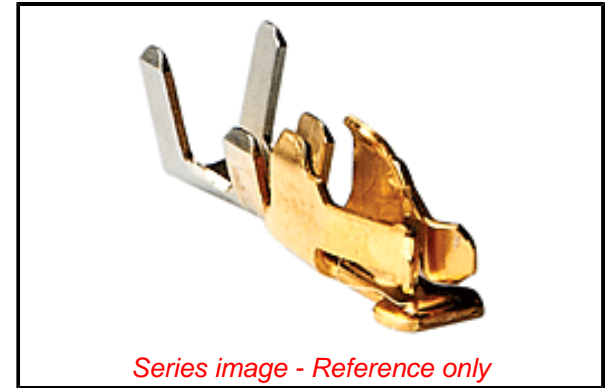
**Solder Process Data**

Lead-freeProcess Capability	N/A
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**Material Info**

**Reference - Drawing Numbers**

Packaging Specification	503940001-000
Product Specification	PS-51110-001-001
Sales Drawing	CS-50394-001, SD-50394-8XXX-000



*Series image - Reference only*

**EU ELV**

**Compliant**

**EU RoHS**

**Compliant**

**REACH SVHC**

Not Contained Per -  
D(2021)4569-DC (8  
July 2021)

**Halogen-Free**

**Status**

**Low-Halogen**

For more information, please visit [Contact US](#)

China ROHS

ELV

RoHS Phthalates

**China RoHS**

Green Image

Compliant

Not Contained

**Search Parts in this Series**

[50394 Series](#)

**Use With**

Milli-Grid Receptacle Housing [51110](#) ,  
[151100](#) , [151192](#)

**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 #**

Hand Crimp Tool for Milli-Grid and MicroBlade Crimp Terminals, 24-30 AWG	<a href="#">2133091200</a>
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Extraction Tool for SPOX, MX64, Ditto, MX150CE, Milli-Grid Terminals	<a href="#">638131400</a>
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FineAdjust Applicator [639005200](#)  
for 2.00mm Pitch  
Wire-to-Board  
Crimp Terminals,  
24-30 AWG Wire,  
Insulation OD  
1.10-1.30mm

FineAdjust Applicator [639046800](#)  
for 2.00mm Pitch  
Wire-to-Board Crimp  
Terminal, 24-30  
AWG, Insulation OD  
0.90-1.10mm  
T2 Terminator Die [639105200](#)

**Japan**

<b>Description</b>	<b>Product #</b>
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S-1 Applicator for Milli-Grid Receptacle Terminal, 24-30 AWG	<a href="#">573153700</a>
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[50394-8052](#) [50394-8052 \(Cut Strip\)](#) [50394-8052 \(Mouser Reel\)](#)