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**Part Number:** [50394-8051](#)  
**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	<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, 1A, 2A
Voltage - Maximum	125V

**Material Info**

**Reference - Drawing Numbers**

Product Specification	PS-51110-001
Sales Drawing	SD-50394-8***, SD-50394-8XXX



**EU RoHS**

**ELV and RoHS Compliant**  
**REACH SVHC**  
**Contains SVHC: No**  
**Low-Halogen Status**  
**Low-Halogen**

**China RoHS**



**Need more information on product environmental compliance?**

Email [productcompliance@molex.com](mailto:productcompliance@molex.com)  
 For a multiple part number RoHS Certificate of Compliance, [click here](#)

Please visit the [Contact Us](#) section for any non-product compliance questions.

**Search Parts in this Series**

[50394Series](#)

**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 #
FineAdjust™ Applicator for 2.00mm Pitch Wire-to-Board Crimp Terminals, 24-30 AWG Wire	<a href="#">0639005200</a>
Hand Crimp Tool for Crimp Terminals	<a href="#">0638190100</a>
T2 Terminator Die	<a href="#">0639105200</a>

**Japan**

Description	Product #
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Hand Extraction Tool 0011267074  
Applicator for M21 1A 0573153000  
Bench Press, 24-30  
AWG Wire

This document was generated on 02/17/2015

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