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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	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, 1A, 2A
Voltage - Maximum	125V

Material Info

Reference - Drawing Numbers

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



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
 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 #
Hand Crimp Tool for Crimp Terminals	0638190100
FineAdjust™ Applicator for 2.00mm Pitch Wire-to-Board Crimp Terminals 24-30 AWG	0639005200
T2 Terminator Die	0639105200

Japan

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

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