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Part Number: [50394-8052](#)
Status: **Active**
Overview: [Milli-Grid™ Connector System](#)
Description: [Milli-Grid™ Crimp Terminal, Reel, 0.76µm 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 | 50394-8200 (Loose) |
| Product Literature Order No | 987650-1991 |
| Product Name | Milli-Grid™ |
| UPC | 800753576209 |

Physical

| | |
|--------------------------------|----------------------|
| Gender | Female |
| Material - Metal | Phosphor Bronze |
| Material - Plating Mating | Gold |
| Material - Plating Termination | Nickel |
| Net Weight | 0.023/g |
| Packaging Type | Reel |
| Plating min - Mating | 0.762µm |
| Plating min - Termination | 2.032µm |
| Termination Interface: Style | Crimp or Compression |
| Wire Insulation Diameter | 1.40mm max. |
| Wire Size AWG | 24, 26, 28, 30 |
| Wire Size mm² | N/A |

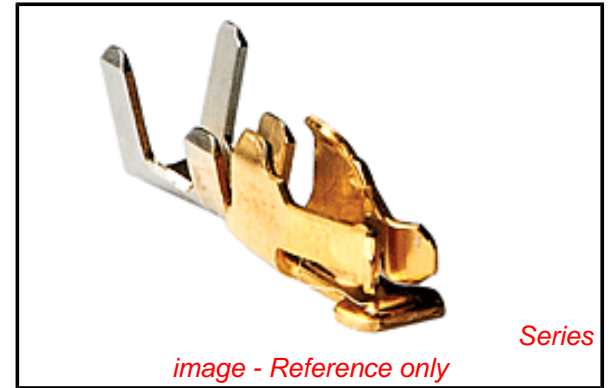
Electrical

| | |
|-------------------------------|------------------------|
| Current - Maximum per Contact | 0.5A, 1.5A, 1.0A, 2.0A |
| Voltage - Maximum | 125V |

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
 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 Wire | 0639005200 |
| T2 Terminator Die | 0639105200 |

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