

**PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION**

**Part Number:** [50394-8400](#)  
**Status:** **Active**  
**Overview:** [Milli-Grid™ Connector System](#)  
**Description:** [Milli-Grid™ Crimp Terminal, Bag, Gold Flash, Loose, Lead free](#)

**Documents:**

[3D Model](#) [Product Specification PS-51110-001 \(PDF\)](#)  
[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)

**General**

|                         |  |
|-------------------------|--|
| Product Family          | Crimp Terminals                              |
| Series                  | 50394  |
| Application             | Signal                                       |
| Crimp Quality Equipment | Yes  |
| Overview                | <a href="#">Milli-Grid™ Connector System</a> |
| Product Name            | Milli-Grid™                                  |
| UPC                     | 822350912617                                 |

**Physical**

|                                |                      |
|--------------------------------|----------------------|
| Durability (mating cycles max) | 50                   |
| Gender                         | Female               |
| Material - Metal               | Phosphor Bronze      |
| Material - Plating Mating      | Gold                 |
| Material - Plating Termination | Nickel               |
| Net Weight                     | 0.023/g              |
| Packaging Type                 | Bag                  |
| Plating min - Mating           | 0.051µm              |
| 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 | 2A               |
| Voltage - Maximum             | 125V AC (RMS)/DC |

**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](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 #                  |
|---------------------|----------------------------|
| Hand Crimp Tool for | <a href="#">0638190100</a> |
| Crimp Terminals     |                            |