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Part Number: [0503948051](#)
Status: **Active**
Overview: [Milli-Grid™ Connector System](#)
Description: [Milli-Grid™ Crimp Terminal, Female, 0.38µm Select Gold, Reel, Lead free](#)

Documents:

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

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, 1.0A, 2.0A |
| Voltage - Maximum | 125V |

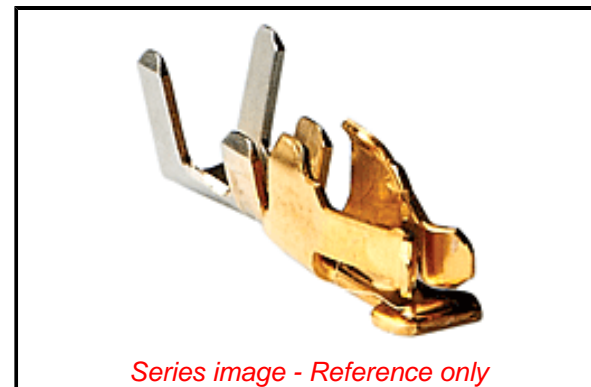
Solder Process Data

| | |
|------------------------------|-----|
| Lead-free Process Capability | N/A |
|------------------------------|-----|

Material Info

Reference - Drawing Numbers

| | |
|-----------------------|-------------------|
| Product Specification | PS-51110-001-001 |
| Sales Drawing | SD-50394-8XXX-000 |



Series image - Reference only

EU ELV

Compliant

EU RoHS

Compliant

REACH SVHC

Not Contained Per
-ED/01/2017 (12
January 2017)

Halogen-Free

Status

Low-Halogen

Need more information on product environmental compliance?

Email productcompliance@molex.com
Please visit the [Contact Us](#) section for any non-product compliance questions.

| | |
|-----------------|---------------|
| China ROHS | Green Image |
| ELV | Compliant |
| RoHS Phthalates | Not Contained |

Search Parts in this Series

[50394 Series](#)

Use With

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