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Part Number: [0503948054](#)
Status: **Active**
Overview: [Milli-Grid Connector System](#)
Description: 2.00mm Pitch, Milli-Grid Female Crimp Terminal, Gold (Au) Flash, Reel, Lead free

Documents:

| | |
|--|---|
| 3D Model | Packaging Specification 503940001-000 (PDF) |
| 3D Model (PDF) | Product Guide (PDF) |
| Drawing (PDF) | RoHS Certificate of Compliance (PDF) |
| Product Specification PS-51110-001-001 (PDF) | |

General

| | |
|-------------------------|---|
| Product Family | Crimp Terminals |
| Series | 50394 |
| Application | Signal, Wire-to-Board, Wire-to-Wire |
| Crimp Quality Equipment | Yes |
| Overview | Milli-Grid Connector System |
| Packaging Alternative | 503948400 (Loose) |
| Product Name | Milli-Grid |
| Taxonomy | Crimp Terminals |
| UPC | 756054436530 |

Physical

| | |
|--------------------------------|----------------------|
| Durability (mating cycles max) | 50 |
| Gender | Female |
| Material - Metal | Copper Alloy |
| Material - Plating Mating | Gold |
| Material - Plating Termination | Nickel |
| Net Weight | 46.100/mg |
| Packaging Type | Reel |
| Plating min - Mating | 0.051µm |
| Plating min - Termination | 2.000µm |
| 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 | 2.0A |
| Voltage - Maximum | 125V AC (RMS)/DC |

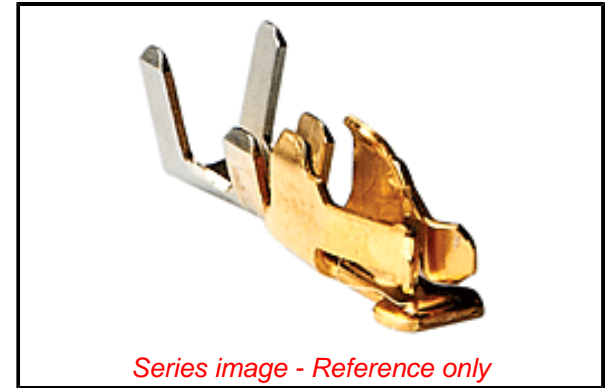
Solder Process Data

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

Material Info

Reference - Drawing Numbers

| | |
|-------------------------|--|
| Packaging Specification | 503940001-000 |
| Product Specification | PS-51110-001-001 |
| Sales Drawing | CS-50394-001 , SD-50394-8XXX-000 |



Series image - Reference only

EU ELV

Compliant

EU RoHS

Compliant

REACH SVHC

Not Contained Per -
D(2022)4187-DC (10
June 2022)

Halogen-Free

Status

Low-Halogen

For more information, please visit [Contact US](#)

China ROHS

ELV

RoHS Phthalates

China RoHS

Green Image

Compliant

Not Contained

Search Parts in this Series

[50394 Series](#)

Use With

Milli-Grid Receptacle Housing [51110](#) ,
[151100](#) , [151192](#)

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 Milli-Grid and MicroBlade Crimp Terminals, 24-30 AWG | 2133091200 |
|--|----------------------------|

| | |
|--|---------------------------|
| Extraction Tool for SPOX, MX64, Ditto, MX150CE, Milli-Grid Terminals | 638131400 |
|--|---------------------------|

FineAdjust Applicator [639005200](#)
for 2.00mm Pitch
Wire-to-Board
Crimp Terminals,
24-30 AWG Wire,
Insulation OD
1.10-1.30mm

FineAdjust Applicator [639046800](#)
for 2.00mm Pitch
Wire-to-Board Crimp
Terminal, 24-30
AWG, Insulation OD
0.90-1.10mm
T2 Terminator Die [639105200](#)

Japan

| Description | Product # |
|--------------------|------------------|
|--------------------|------------------|

| | |
|---|---------------------------|
| S-1 Applicator for Milli-Grid Receptacle Terminal, 24-30 AWG | 573153700 |
|---|---------------------------|

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