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Part Number: [0503948055](#)
Status: **Active**
Overview: [Milli-Grid Connector System](#)
Description: 2.00mm Pitch, Milli-Grid Female Crimp Terminal, Matte Tin Plating, Reel, Lead free

Documents:

| | |
|--|--|
| Drawing (PDF) | Product Guide (PDF) |
| Product Specification PS-51110-001-001 (PDF) | RoHS Certificate of Compliance (PDF) |
| Packaging Specification 503940001-000 (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 |
| Product Name | Milli-Grid |
| UPC | 889056492522 |

Physical

| | |
|--------------------------------|----------------------|
| Durability (mating cycles max) | 50 |
| Gender | Female |
| Material - Metal | Copper Alloy |
| Material - Plating Mating | Matte Tin |
| Material - Plating Termination | Nickel |
| Net Weight | 24.435/mg |
| Packaging Type | Reel |
| Plating min - Mating | 2.500µm |
| 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 mm ² | N/A |

Electrical

| | |
|-------------------------------|------------------|
| Current - Maximum per Contact | 2.0A |
| Voltage - Maximum | 125V AC (RMS)/DC |

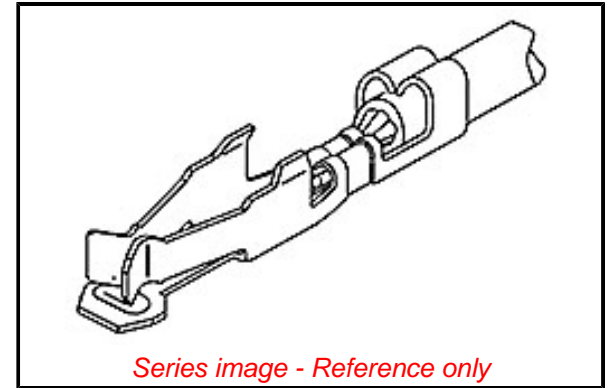
Solder Process Data

| | |
|------------------------------|-----|
| 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 |



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

Compliant

REACH SVHC

Not Contained Per -
D(2020)4578-DC (25
June 2020)

Halogen-Free

Status

Low-Halogen

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

China ROHS

ELV

RoHS Phthalates

China RoHS

Green Image

Not Relevant

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 #

Manual Extraction Tool [638131400](#)

Tool

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 | <u>573153700</u> |
|---|------------------|

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