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Part Number: **0503948051**
Status: **Active**
Overview: Milli-Grid Connector System
Description: 2.00mm Pitch, Milli-Grid Female Crimp Terminal, 0.38µm Select Gold, 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 503948100 (Loose)
Product Name Milli-Grid
UPC 800753576193

Physical

Durability (mating cycles max) 50
Gender Female
Material - Metal Copper Alloy
Material - Plating Mating Gold
Material - Plating Termination Nickel
Net Weight 24.300/mg
Packaging Type Reel
Plating min - Mating 0.381µm
Plating min - Termination 2.000µm
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

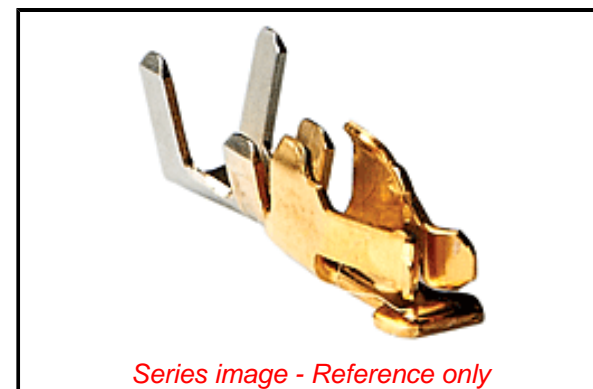
Solder Process Data

Lead-freeProcess 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(2021)4569-DC (8
July 2021)

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 #
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Applicator for M211A Bench Press, 24-30 AWG Wire	573153000
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S-1 Applicator for Milli-Grid Receptacle Terminal, 24-30 AWG	573153700
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[Molex:](#)

[50394-8051](#) [50394-8051 \(Cut Strip\)](#) [50394-8051 \(Mouser Reel\)](#)