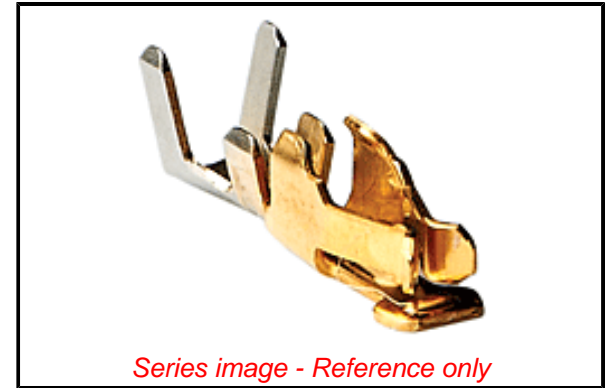


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Part Number: **0503948100**
Status: **Active**
Overview: Milli-Grid Connector System
Description: 2.00mm Pitch, Milli-Grid Female Crimp Terminal, 0.38µm Select Gold Plating, Bag, Lead free

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	<u>Milli-Grid Connector System</u>
Packaging Alternative	503948051 (Reel)
Product Name	Milli-Grid
Taxonomy	Crimp Terminals
UPC	800753576216

Physical

Durability (mating cycles max)	50
Gender	Female
Material - Metal	Copper Alloy
Material - Plating Mating	Gold
Material - Plating Termination	Nickel
Net Weight	24.261/mg
Packaging Type	Bag
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 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
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Material Info

Reference - Drawing Numbers

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

EU ELV

Not Relevant

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

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 #

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

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