



**Part Number :** [503948051](#)

**Product Description :** 2.00mm Pitch, Milli-Grid  
Female Crimp Terminal, 0.38µm Select Gold, 30-24  
AWG, Reel, Lead-Free

**Series Number :** 50394

**Status :** Active

**Product Category :** Crimp Terminals

**Packaging Alternative :** [503948100](#) (Bag)



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## Documents and Resources

### Drawings

[503948051\\_sd.pdf](#)

[503940001-000.pdf](#)

### 3D Models and Design Files

[STEP AP242](#)

[SOLIDWORKS](#)

[Creo](#)


### Specifications

[PS-51110-001-001.pdf](#)

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## Product Environment Compliance

### Compliance

GADSL/IMDS	Compliant with Exemption 44; 34; 33
China RoHS	 per SJ/T 11365-2006
EU ELV	Compliant per 2000/53/EC
Low-Halogen Status	Low-Halogen per IEC 61249-2-21
REACH SVHC	Not Contained per D(2025)7771-DC (04 Feb 2026)
EU RoHS	Compliant per EU 2015/863

### [Compliance Statements](#)

- EU RoHS
- REACH SVHC
- Low-Halogen

#### Industry Documents

- IPC 1752A Class C
- IPC 1752A Class D
- Molex Product Compliance Declaration
- IEC-62474
- chemSHERPA (xml)

#### Substances of Interest

- PFAS

#### EU RoHS Certificate of Compliance

#### Additional Product Compliance Information

## Part Details

### General

Status	Active
Category	Crimp Terminals
Series	50394
Description	2.00mm Pitch, Milli-Grid Female Crimp Terminal, 0.38µm Select Gold, 30-24 AWG, Reel, Lead-Free
Application	Wire-to-Board, Wire-to-Wire
Product Name	Milli-Grid
UPC	800753576193

### Electrical

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

### Physical

Durability (mating cycles max)	50
Gender	Female
Material - Metal	Copper Alloy
Material - Plating Mating	Gold
Material - Plating Termination	Nickel
Net Weight	43.000/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 mm <sup>2</sup>	N/A

### Solder Process Data

Lead-Free Process Capability	N/A
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### Mates With / Use With

#### Use with Part(s)

Description	Part Number
Milli-Grid Single Row Receptacle Housings	<u>151100</u>
Milli-Grid Dual Row Receptacle Housings	<u>151192</u>
Milli-Grid Dual Row Receptacle Housings	<u>51110</u>

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### Application Tooling

#### Global

Description	Part Number
Extraction Tool for SPOX, MX64, Ditto, MX150CE, Milli-Grid Terminals	<u>638131400</u>
FineAdjust Applicator for 2.00mm Pitch Wire-to-Board Crimp Terminals, 30-24 AWG Wire, Insulation OD 1.10-1.30mm	<u>639005200</u>
FineAdjust Applicator for 2.00mm Pitch Wire-to-Board Crimp Terminal, 30-24 AWG, Insulation OD 0.90-1.10mm	<u>639046800</u>

T2 Terminator Die	<u>639105200</u>
Hand Crimp Tool for Milli-Grid and MicroBlade Female Crimp Terminal, 30-24 AWG	<u>2238631900</u>

## Japan

Description	Part Number
Hand Extraction Tool	<u>11267074</u>
S-1 Applicator for Milli-Grid Receptacle Terminal, 30-24 AWG	<u>573153700</u>

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