



Part Number : [503948052](#)
Product Description : 2.00mm Pitch, Milli-Grid
Female Crimp Terminal, 0.76µm Select Gold, 30-24
AWG, Reel, Lead-Free
Series Number : 50394
Status : Active
Product Category : Crimp Terminals
Packaging Alternative : [503948200](#) (Bag)

Documents and Resources

Drawings

[503948052_sd.pdf](#)
[503940001-000.pdf](#)

3D Models and Design Files

[STEP AP242](#)
[SOLIDWORKS](#)
[Creo](#)

Specifications

[503940001-AS-000.pdf](#)
[PS-51110-001-001.pdf](#)

Product Environment Compliance

Compliance

GADSL/IMDS	Not Relevant
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, 0.76µm Select Gold, 30-24 AWG, Reel, Lead-Free
Application	Wire-to-Board, Wire-to-Wire
Product Name	Milli-Grid
UPC	800753576209

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	48.000/mg
Packaging Type	Reel
Plating min - Mating	0.762µm

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

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>

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	<u>2238631900</u>

and MicroBlade Female Crimp Terminal, 30-24 AWG	
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Japan

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

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