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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)
- Drawing (PDF)

Product Guide (PDF)
- 3D Model (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
Taxonomy	Crimp Terminals
UPC	800753576193

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 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(2022)9120-DC (17
Jan 2023)

Halogen-Free

Status

Low-Halogen

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

China RoHS

Green Image

ELV

Compliant

RoHS Phthalates

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	<u>639005200</u>
for 2.00mm Pitch	
Wire-to-Board	
Crimp Terminals,	
24-30 AWG Wire,	
Insulation OD	
1.10-1.30mm	
FineAdjust Applicator	<u>639046800</u>
for 2.00mm Pitch	
Wire-to-Board Crimp	
Terminal, 24-30	
AWG, Insulation OD	
0.90-1.10mm	
T2 Terminator Die	<u>639105200</u>
Japan	
Description	Product #
S-1 Applicator for	<u>573153700</u>
Milli-Grid Receptacle	
Terminal, 24-30	
AWG	

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