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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



Series image - Reference only

Documents:

3D Model

3D Model (PDF)

Drawing (PDF)

Product Specification PS-51110-001-001 (PDF)

Packaging Specification 503940001-000 (PDF)

Product Guide (PDF)

RoHS Certificate of Compliance (PDF)

General

Product Family

Series

Application

Crimp Quality Equipment

Overview

Packaging Alternative

Product Name

UPC

Crimp Terminals

50394

Signal, Wire-to-Board, Wire-to-Wire

Yes

Milli-Grid Connector System

503948051 (Reel)

Milli-Grid

800753576216

Physical

Durability (mating cycles max)

Gender

Material - Metal

Material - Plating Mating

Material - Plating Termination

Net Weight

Packaging Type

Plating min - Mating

Plating min - Termination

Termination Interface: Style

Wire Insulation Diameter

Wire Size AWG

Wire Size mm²

50

Female

Copper Alloy

Gold

Nickel

24.261/mg

Bag

0.381µm

2.000µm

Crimp or Compression

1.40mm max.

24, 26, 28, 30

N/A

Electrical

Current - Maximum per Contact

Voltage - Maximum

2.0A

125V AC (RMS)/DC

Solder Process Data

Lead-freeProcess Capability

N/A

Material Info

Reference - Drawing Numbers

Packaging Specification

Product Specification

Sales Drawing

503940001-000

PS-51110-001-001

CS-50394-001, SD-50394-8XXX-000

EU ELV

Not Relevant

EU RoHS

Compliant

China RoHS

REACH SVHC

Not Contained Per -
D(2020)9139-DC (19
Jan 2021)

Halogen-Free

Status

Low-Halogen

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

China ROHS

Green Image

ELV

Not Relevant

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](#)

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