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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                 | Crimp Terminals                     |
| Series                         | 50394                               |
| Application                    | Signal, Wire-to-Board, Wire-to-Wire |
| Crimp Quality Equipment        | Yes                                 |
| Overview                       | Milli-Grid Connector System         |
| Packaging Alternative          | 503948051 (Reel)                    |
| Product Name                   | Milli-Grid                          |
| 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 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     |

|                                                  |               |
|--------------------------------------------------|---------------|
| EU ELV                                           |               |
| Not Relevant                                     |               |
| EU RoHS                                          | China RoHS    |
| Compliant                                        |               |
| REACH SVHC                                       |               |
| Not Contained Per - D(2021)4569-DC (8 July 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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