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Part Number:

0511100450

Status:

Active

Overview:

Milli-Grid Connector System

Description:

2.00mm Pitch, Milli-Grid Receptacle Housing, 4 Circuits, without Center Polarization Key, without Locking Ramp, Lead-Free



Series image - Reference only

|                                              |                                                  |
|----------------------------------------------|--------------------------------------------------|
| Documents:                                   |                                                  |
| 3D Model                                     | Application Specification 503940001-AS-000 (PDF) |
| 3D Model (PDF)                               | Packaging Specification PK-51110-300-001 (PDF)   |
| Drawing (PDF)                                | Brochure (PDF)                                   |
| Product Specification PS-51110-001-001 (PDF) | RoHS Certificate of Compliance (PDF)             |

|                               |                                                                                                 |
|-------------------------------|-------------------------------------------------------------------------------------------------|
| Agency Certification          |                                                                                                 |
| CSA                           | LR19980                                                                                         |
| UL                            | E29179                                                                                          |
| Application tooling part link |                                                                                                 |
| Application Tooling Part Link | 63824-2800                                                                                      |
| General                       |                                                                                                 |
| Product Family                | Crimp Housings                                                                                  |
| Series                        | 51110                                                                                           |
| Application                   | Signal, Wire-to-Board                                                                           |
| Comments                      | Applicable Wire Ranges: 24-30 AWG (series 50394 terminal) and 22-28 AWG (series 87396 terminal) |
| Overview                      | Milli-Grid Connector System                                                                     |
| Product Name                  | Milli-Grid                                                                                      |
| UPC                           | 800753574137                                                                                    |
| Physical                      |                                                                                                 |
| Circuits (maximum)            | 4                                                                                               |
| Color - Resin                 | Black                                                                                           |
| Flammability                  | 94V-0                                                                                           |
| Gender                        | Receptacle                                                                                      |
| Glow-Wire Capable             | No                                                                                              |
| Keying to Mating Part         | None                                                                                            |
| Lock to Mating Part           | Yes                                                                                             |
| Material - Resin              | Polyester                                                                                       |
| Net Weight                    | 0.077/g                                                                                         |
| Number of Rows                | 2                                                                                               |
| Packaging Type                | Bag                                                                                             |
| Panel Mount                   | No                                                                                              |
| Pitch - Mating Interface      | 2.00mm                                                                                          |
| Pitch - Termination Interface | 2.00mm                                                                                          |
| Polarized to Mating Part      | Yes                                                                                             |
| Stackable                     | No                                                                                              |
| Temperature Range - Operating | -40° to +105°C                                                                                  |
| Material Info                 |                                                                                                 |
| Reference - Drawing Numbers   |                                                                                                 |
| Application Specification     | 503940001-AS-000                                                                                |
| Packaging Specification       | PK-51110-300-001                                                                                |
| Product Specification         | PS-51110-001-001                                                                                |

|                                                               |               |
|---------------------------------------------------------------|---------------|
| EU ELV                                                        |               |
| Not Relevant                                                  |               |
| EU RoHS                                                       | China RoHS    |
| Compliant                                                     |               |
| REACH SVHC                                                    |               |
| Not Contained Per - D(2021)4569-DC (8 July 2021)              |               |
| Halogen-Free                                                  |               |
| Status                                                        |               |
| Not Low-Halogen                                               |               |
| For more information, please visit <a href="#">Contact US</a> |               |
| China ROHS                                                    | Green Image   |
| ELV                                                           | Not Relevant  |
| RoHS Phthalates                                               | Not Contained |

Search Parts in this Series

51110 Series

Mates With

Milli-Grid Headers [87758](#) , [87759](#) , [87760](#) , [87831](#) , [87832](#) <br>Milli-Grid BMI Header [151013](#) <br>Milli-Grid Low-Halogen Headers [151117](#) , [151118](#) , [151119](#) , [151120](#)

Use With

Milli-Grid Crimp Terminals [50394](#) , [87396](#) <br> Milli-Grid Pre-Crimped Leads [797581095](#) , [797581096](#)

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 # |
|-------------|-----------|
|-------------|-----------|

This document was generated on 08/30/2021

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