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Part Number: [1510621753](#)
Status: **Active**
Overview: [Milli-Grid Connector System](#)
Description: 2.00mm Pitch, Milli-Grid PCB Header, Single Row, Vertical, Surface Mount, 0.75µm Gold (Au) Plating, with Peg, with Pick and Place Cap, 3 Circuits, Tube

Documents:

| | |
|--|--|
| 3D Model (PDF) | Application Specification 503940001-AS-000 (PDF) |
| 3D Model | Packaging Specification PK-151062-0001-001 (PDF) |
| Drawing (PDF) | RoHS Certificate of Compliance (PDF) |
| Product Specification PS-151062-0001-001 (PDF) | |



Series image - Reference only

General

| | |
|----------------|--|
| Product Family | PCB Headers |
| Series | 151062 |
| Application | Signal, Wire-to-Board |
| Comments | See Product Specification for maximum current rating by wire AWG |
| Overview | Milli-Grid Connector System |
| Product Name | Milli-Grid |
| UPC | 889056696104 |

Physical

| | |
|--------------------------------|------------------------|
| Breakaway | No |
| Circuits (Loaded) | 3 |
| Circuits (maximum) | 3 |
| Color - Resin | Black |
| Durability (mating cycles max) | 25 |
| First Mate / Last Break | No |
| Glow-Wire Capable | No |
| Guide to Mating Part | No |
| Keying to Mating Part | None |
| Lock to Mating Part | Yes |
| Material - Metal | Copper Alloy |
| Material - Plating Mating | Gold |
| Material - Plating Termination | Tin |
| Material - Resin | Liquid Crystal Polymer |
| Net Weight | 400.934/mg |
| Number of Rows | 1 |
| Orientation | Vertical |
| PCB Locator | Yes |
| PCB Retention | Yes |
| Packaging Type | Tube |
| Pitch - Mating Interface | 2.00mm |
| Pitch - Termination Interface | 2.00mm |
| Plating min - Mating | 0.750µm |
| Plating min - Termination | 2.000µm |
| Polarized to Mating Part | Yes |
| Polarized to PCB | Yes |
| Robotic Placement | Pick and Place Cap |
| Shrouded | Yes |
| Stackable | No |
| Surface Mount Compatible (SMC) | Yes |
| Temperature Range - Operating | -40° to +70°C |
| Termination Interface: Style | Surface Mount |

Electrical

EU ELV

Not Relevant

EU RoHS

Compliant

REACH SVHC

Not Contained Per -
D(2020)4578-DC (25
June 2020)

Halogen-Free

Status

Low-Halogen

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

China ROHS

ELV

RoHS Phthalates

China RoHS

Green Image

Not Relevant

Not Contained

Search Parts in this Series

[151062 Series](#)

Mates With

Milli-Grid Receptacle Housing [151100](#)

| | |
|-------------------------------|---------|
| Current - Maximum per Contact | 2.5A |
| Voltage - Maximum | 125V AC |

Solder Process Data

| | |
|--|--------|
| Duration at Max. Process Temperature (seconds) | 005 |
| Lead-free Process Capability | REFLOW |
| Max. Cycles at Max. Process Temperature | 001 |
| Process Temperature max. C | 260 |

Material Info**Reference - Drawing Numbers**

| | |
|---------------------------|--------------------|
| Application Specification | 503940001-AS-000 |
| Packaging Specification | PK-151062-0001-001 |
| Product Specification | PS-151062-0001-001 |
| Sales Drawing | SD-151062-0001 |

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