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Part Number:

0872641452

Status:

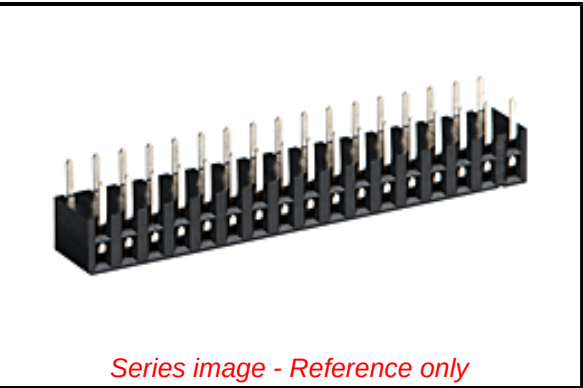
Active

Overview:

Milli-Grid Connector System

Description:

2.00mm Pitch Milli-Grid Receptacle, Side Entry, Through Hole, 0.38µm Gold (Au)  
Selective, 14 Circuits, Lead-Free



Documents:

3D Model

Drawing (PDF)

Product Specification PS-87264-001 (PDF)

Application Specification 503940001-AS-000 (PDF)

Packaging Specification PK-87264-0001-001 (PDF)

Brochure (PDF)

RoHS Certificate of Compliance (PDF)

| Agency Certification |  |                             |
|----------------------|--|-----------------------------|
| CSA                  |  | LR19980                     |
| UL                   |  | E29179                      |
| General              |  |                             |
| Product Family       |  | PCB Receptacles             |
| Series               |  | 87264                       |
| Application          |  | Board-to-Board, Signal      |
| Component Type       |  | PCB Receptacle              |
| Overview             |  | Milli-Grid Connector System |
| Product Name         |  | Milli-Grid                  |
| Taxonomy             |  | PCB Headers and Receptacles |
| UPC                  |  | 822348473915                |

| Physical                       |                                |
|--------------------------------|--------------------------------|
| Circuits (Loaded)              | 14                             |
| Circuits (maximum)             | 14                             |
| Color - Resin                  | Black                          |
| Durability (mating cycles max) | 25                             |
| Flammability                   | 94V-0                          |
| Glow-Wire Capable              | No                             |
| Lock to Mating Part            | None                           |
| Material - Metal               | Phosphor Bronze                |
| Material - Plating Mating      | Gold                           |
| Material - Plating Termination | Tin                            |
| Material - Resin               | High Temperature Thermoplastic |
| Net Weight                     | 0.461/g                        |
| Number of Rows                 | 2                              |
| Orientation                    | Right Angle                    |
| PC Tail Length                 | 2.55mm                         |
| PCB Locator                    | No                             |
| PCB Retention                  | None                           |
| PCB Thickness - Recommended    | 1.60mm                         |
| Packaging Type                 | Tube                           |
| Pitch - Mating Interface       | 2.00mm                         |
| Plating min - Mating           | 0.381µm                        |
| Plating min - Termination      | 2.540µm                        |
| Polarized to PCB               | No                             |
| Surface Mount Compatible (SMC) | Yes                            |
| Temperature Range - Operating  | -55° to +105°C                 |
| Termination Interface: Style   | Surface Mount                  |

| Electrical                    |      |
|-------------------------------|------|
| Current - Maximum per Contact | 1.0A |
| Voltage - Maximum             | 125V |

| EU ELV                                                        |              |
|---------------------------------------------------------------|--------------|
| Not Relevant                                                  |              |
| EU RoHS                                                       |              |
| Compliant                                                     |              |
| REACH SVHC                                                    |              |
| Not Contained Per - D(2022)4187-DC (10 June 2022)             |              |
| 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 Relevant |

Search Parts in this Series

87264 Series

Mates With

87758 , 87759 , 87760

**Solder Process Data**

|                                                |          |
|------------------------------------------------|----------|
| Duration at Max. Process Temperature (seconds) | 014      |
| Lead-freeProcess Capability                    | SMC&WAVE |
| Max. Cycles at Max. Process Temperature        | 001      |
| Process Temperature max. C                     | 265      |

**Material Info**

**Reference - Drawing Numbers**

|                           |                   |
|---------------------------|-------------------|
| Application Specification | 503940001-AS-000  |
| Packaging Specification   | PK-87264-0001-001 |
| Product Specification     | PS-87264-001      |
| Sales Drawing             | SD-87264-XX50-001 |

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