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Part Number: 0878331219

Status: Active

Overview: Milli-Grid Connector System

**Description:** Milli-Grid Header, Right-Angle, Fully Shrouded, Lead-Free, 12 Circuits, Gold (Au) Flash

Plating, without PCB Locator, without Locking Window, Center Polarization Slot, Tube

**Documents:** 

<u>3D Model</u> <u>Packaging Specification PK-87831-001-001 (PDF)</u>

Drawing (PDF)

RoHS Certificate of Compliance (PDF)

Product Specification PS-87831-027-001 (PDF)

**Agency Certification** 

CSA LR19980 UL E29179

General

Product Family PCB Headers

Series <u>87833</u>

Application Signal, Wire-to-Board

Comments Contact Molex for application in automotive industry,

Contact Molex for application in automotive industry

Overview <u>Milli-Grid Connector System</u>

Product Name Milli-Grid UPC 822348352623

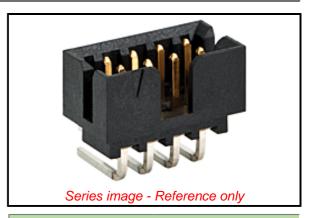
**Physical** 

Breakaway No Circuits (Loaded) 12 Circuits (maximum) 12 Color - Resin Black Durability (mating cycles max) 100 First Mate / Last Break No Flammability 94V-0 Glow-Wire Capable No **Guide to Mating Part** No Keying to Mating Part None Lock to Mating Part None

Material - Metal Phosphor Bronze

Material - Plating MatingGoldMaterial - Plating TerminationTinMaterial - ResinNylonNet Weight0.714/gNumber of Rows2

Orientation Right Angle 2.16mm PC Tail Length PCB Locator Nο **PCB** Retention None PCB Thickness - Recommended 1.60mm Packaging Type Tube Pitch - Mating Interface 2.00mm Pitch - Termination Interface 2.00mm Plating min - Mating 0.051um Plating min - Termination 1.905um Polarized to PCB No Shrouded **Fully** Stackable No Surface Mount Compatible (SMC) Yes



# EU ELV

**Not Relevant** 

EU RoHS China RoHS

**Compliant**REACH SVHC

Not Contained Per - ED/61/2018 (27 June

2018)

**Halogen-Free** 

**Status** 

**Not 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

87833 Series

### **Mates With**

Milli-Grid Vertical Through Hole Receptacle 79107, 78787, Milli-Grid Flex-to-Board Vertical Receptacle 79108, Milli-Grid Vertical Surface Mount Receptacle 79109, 78788, Milli-Grid Crimp Housing 51110, Milli-Grid Cable-to-Board Receptacle 87568

Temperature Range - Operating -55° to +105°C
Termination Interface: Style Through Hole

**Electrical** 

Current - Maximum per Contact 2.0A Voltage - Maximum 125V

**Material Info** 

**Reference - Drawing Numbers** 

Packaging Specification PK-87831-001-001
Product Specification PS-87831-027-001
Sales Drawing SD-87833-0001-001

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