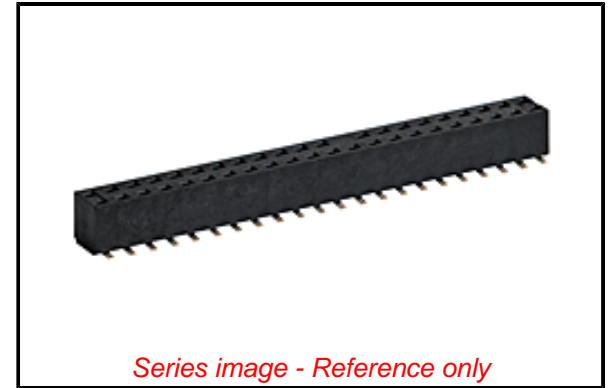


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Part Number: [0873819030](#)
Status: **Active**
Overview: [Milli-Grid Connector System](#)
Description: 2.00mm Pitch Milli-Grid Receptacle, Surface Mount, Top Entry, 0.76µm Gold (Au) Plating, with Cover Version, with Locating Pegs, 10 Circuits, Tape on Reel Packaging, Lead-Free



Documents:

[3D Model](#) [RoHS Certificate of Compliance \(PDF\)](#)
[Drawing \(PDF\)](#) [Product Literature \(PDF\)](#)
[Product Specification PS-87380-002-001 \(PDF\)](#)

Agency Certification

CSA LR19980
 UL E29179

General

Product Family PCB Receptacles
 Series [87381](#)
 Application Board-to-Board, Signal
 Overview [Milli-Grid Connector System](#)
 Product Literature Order No 987650-1991
 Product Name Milli-Grid
 UPC 883906206222

Physical

Circuits (Loaded) 10
 Circuits (maximum) 10
 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 Nylon
 Net Weight 0.251/g
 Number of Rows 2
 Orientation Vertical
 PCB Locator No
 PCB Retention None
 Packaging Type Embossed Tape on Reel
 Pitch - Mating Interface 2.00mm
 Pitch - Termination Interface 2.00mm
 Plating min - Mating 0.762µm
 Plating min - Termination 1.270µm
 Polarized to PCB No
 Robotic Placement Pick and Place Cap
 Stackable Yes
 Surface Mount Compatible (SMC) N/A
 Temperature Range - Operating -55° to +105°C
 Termination Interface: Style Surface Mount

Electrical

Current - Maximum per Contact 1.9A
 Voltage - Maximum 125V

EU ELV

Not Relevant

EU 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

ELV

RoHS Phthalates

China RoHS

Green Image

Not Relevant

Not Contained

Search Parts in this Series

[87381](#) Series

Mates With

[87758](#) , [87759](#) , [87760](#) , [87832](#) Surface Mount PCB Header, [87833](#) Right Angle PCB Header, [87831](#) Vertical, Through Hole PCB Header

Solder Process Data

Duration at Max. Process Temperature (seconds)	014
Lead-free Process Capability	REFLOW
Max. Cycles at Max. Process Temperature	001
Process Temperature max. C	265

Material Info**Reference - Drawing Numbers**

Product Specification	PS-87380-002-001
Sales Drawing	SD-87381-XXX3-001

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