

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number:

0873812463

Status:

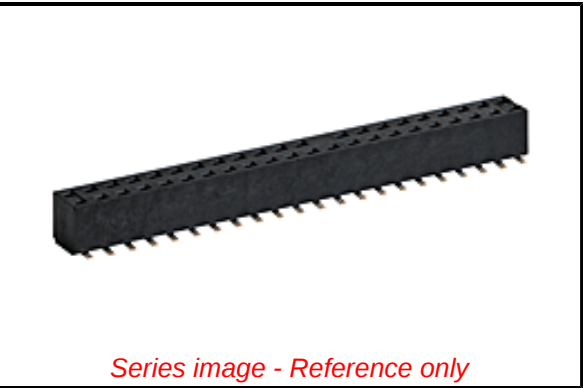
Active

Overview:

Milli-Grid™ Connector System

Description:

2.00mm Pitch Milli-Grid™ Receptacle, Surface Mount, Top Entry, 0.76µm Gold (Au) Plating, with Cover, without Locating Pegs, 24 Circuits, Lead-Free



Documents:

[3D Model](#)

[Drawing \(PDF\)](#)

[Product Specification PS-87380-002-001 \(PDF\)](#)

[RoHS Certificate of Compliance \(PDF\)](#)

[Product Literature \(PDF\)](#)

Agency Certification		
CSA		LR19980
UL		E29179
General		
Product Family		PCB Receptacles
Series		87381
Application		Board-to-Board, Signal
Comments		With Cover
Overview		Milli-Grid™ Connector System
Product Literature Order No		987650-1991
Product Name		Milli-Grid™
UPC		822348483204
Physical		
Circuits (Loaded)		24
Circuits (maximum)		24
Color - Resin		Black
Durability (mating cycles max)		25
Flammability		94V-0
Glow-Wire Compliant		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		0.688/g
Number of Rows		2
Orientation		Vertical
PCB Locator		No
PCB Retention		None
Packaging Type		Tube
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°C 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

China RoHS

REACH SVHC

Not Contained Per

-ED/01/2017 (12

January 2017)

Halogen-Free

Status

Not Low-Halogen

Need more information on product

environmental compliance?

Email productcompliance@molex.com

Please visit the [Contact Us](#) section for any

non-product compliance questions.

China ROHS

Green Image

ELV

Not Relevant

RoHS Phthalates

Not Contained

Search Parts in this Series

87381 Series

Mates With

87758 Vertical, Through Hole, Stackable PCB Header, 87759 Vertical, Surface Mount, Stackable PCB Header, 87760 Right Angle, Through Hole, Stackable PCB Header, 87831 Vertical, Through Hole PCB Header, 87832 Vertical, Surface Mount PCB

Solder Process Data

Lead-freeProcess Capability	REFLOW
Process Temperature max. C	245

Material Info

Reference - Drawing Numbers

Product Specification	PS-87380-002-001
Sales Drawing	SD-87381-**6*

This document was generated on 02/21/2017

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION