

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number:

0873819006

Status:

Active

Overview:

Milli-Grid Connector System

Description:

2.00mm Pitch Milli-Grid Receptacle, Surface Mount, Top Entry, 4.5mm Height, 0.38µm Gold (Au) Plating, with Cover, without Locating Pegs, 14 Circuits, Embossed Tape on Reel, Lead-Free



Documents:	
3D Model	Packaging Specification PK-87368-0001-001 (PDF)
Drawing (PDF)	RoHS Certificate of Compliance (PDF)
Product Specification PS-87380-002-001 (PDF)	Product Literature (PDF)

Agency Certification	
CSA	LR19980
UL	E29179
General	
Product Family	PCB Receptacles
Series	87381
Application	Board-to-Board, Signal
Comments	Without Pegs, Without Pegs
Overview	Milli-Grid Connector System
Product Literature Order No	987650-1991
Product Name	Milli-Grid
UPC	883906112790
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	0.350/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	0.381µm
Plating min - Termination	1.270µm
Polarized to PCB	No
Robotic Placement	Pick and Place Cap
Stackable	Yes
Surface Mount Compatible (SMC)	Yes
Temperature Range - Operating	-55° to +105°C
Termination Interface: Style	Surface Mount
Electrical	
Current - Maximum per Contact	1.9A

EU ELV	
Not Relevant	
EU RoHS	China RoHS
Compliant	
REACH SVHC	
Not Contained Per - ED/71/2019 (16 July 2019)	
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

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

Voltage - Maximum	125V
Solder Process Data	
Duration at Max. Process Temperature (seconds)	014
Lead-freeProcess Capability	REFLOW
Max. Cycles at Max. Process Temperature	001
Process Temperature max. C	265
Material Info	
Reference - Drawing Numbers	
Packaging Specification	PK-87368-0001-001
Product Specification	PS-87380-002-001
Sales Drawing	SD-87381-XX6X-001

This document was generated on 09/23/2019

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

[Molex:](#)

[87381-9006](#)