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Part Number:

0878330620

Status:

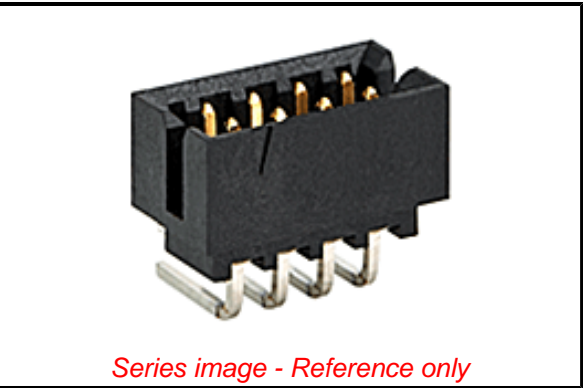
Active

Overview:

Milli-Grid™ Connector System

Description:

Milli-Grid™ Header, Right Angle, Shrouded, Lead-Free, 6 Circuits, 0.38µm Gold (Au) Plating, without PCB Locator, without Locking Window, without Center Polarization Slot, Tube



Documents:

3D Model

Drawing (PDF)

Product Specification PS-87831-027 (PDF)

Packaging Specification PK-87831-001 (PDF)

RoHS Certificate of Compliance (PDF)

Agency Certification		
CSA		LR19980
UL		E29179
General		
Product Family		PCB Headers
Series		87833
Application		Signal, Wire-to-Board
Comments		Contact Molex for application in automotive industry
MolexKits		Yes
Overview		Milli-Grid™ Connector System
Product Name		Milli-Grid™
UPC		822348186587
Physical		
Breakaway		No
Circuits (Loaded)		6
Circuits (maximum)		6
Color - Resin		Black
Durability (mating cycles max)		100
First Mate / Last Break		No
Flammability		94V-0
Glow-Wire Compliant		No
Guide to Mating Part		No
Keying to Mating Part		None
Lock to Mating Part		None
Material - Metal		Phosphor Bronze
Material - Plating Mating		Gold
Material - Plating Termination		Tin
Material - Resin		Nylon
Net Weight		0.368/g
Number of Rows		2
Orientation		Right Angle
PC Tail Length		2.16mm
PCB Locator		No
PCB Retention		None
PCB Thickness - Recommended		1.60mm
Packaging Type		Tube
Pitch - Mating Interface		2.00mm
Pitch - Termination Interface		2.00mm
Plating min - Mating		0.381µm
Plating min - Termination		1.905µm
Polarized to PCB		No
Shrouded		Fully
Stackable		No

EU ELV

Not Relevant

EU RoHS

China RoHS

Compliant

REACH SVHC

Not Contained Per -

ED/21/2016 (20 June

2016)

Halogen-Free

Status

Not Low-Halogen

Need more information on product environmental compliance?

Email [productcompliance@molex.com](mailto: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

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](#)

Surface Mount Compatible (SMC)	Yes
Temperature Range - Operating	-55°C to +105°C
Termination Interface: Style	Through Hole
<b>Electrical</b>	
Current - Maximum per Contact	2.0A
Voltage - Maximum	125V
<b>Solder Process Data</b>	
Duration at Max. Process Temperature (seconds)	011
Lead-freeProcess Capability	SMC&WAVE
Max. Cycles at Max. Process Temperature	001
Process Temperature max. C	265
<b>Material Info</b>	
<b>Reference - Drawing Numbers</b>	
Packaging Specification	PK-87831-001
Product Specification	PS-87831-027
Sales Drawing	SD-87833-0001

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