

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number:

0878330621

Status:

Active

Overview:

Milli-Grid Connector System

Description:

Milli-Grid Header, Right Angle, Shrouded, Lead-Free, 6 Circuits, 0.76µm Gold (Au) Plating, without PCB Locator, without Locking Window, without Center Polarization Slot, Tube

Documents:

3D Model

Packaging Specification PK-87831-001-001 (PDF)

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	87833
Application	Signal, Wire-to-Board
Comments	Contact Molex for application in automotive industry
Data Load Status	Post Go-Live Rev. Not Verified
Made From	0873300604, 0878280116, 0878280195
Overview	Milli-Grid Connector System
Product Name	Milli-Grid
UPC	822348274680
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 Capable	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	0.366/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	0.762µm
Plating min - Termination	1.905µm
Polarized to PCB	No
Shrouded	Fully

EU ELV

Not Relevant

EU RoHS

China RoHS

Compliant

REACH SVHC

Not Contained Per -ED/01/2018 (15 January 2018)

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

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

Stackable	No
Surface Mount Compatible (SMC)	Yes
Temperature Range - Operating	-55°C to +105°C
Termination Interface: Style	Through Hole
Electrical	
Current - Maximum per Contact	2.0A
Voltage - Maximum	125V
Solder Process Data	
Lead-freeProcess Capability	WAVE
Material Info	
Reference - Drawing Numbers	
Packaging Specification	PK-87831-001-001
Product Specification	PS-87831-027-001
Sales Drawing	SD-87833-0001-001

This document was generated on 02/28/2018

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Mouser Electronics

Authorized Distributor

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

[Molex:](#)

[87833-0621](#)