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Part Number: 0878320634
Status: Active
Overview: Milli-Grid™ Connector System
Description: Milli-Grid™ Header, Surface Mount, Vertical, Shrouded, Lead-Free, 6 Circuits, 0.76µm Gold (Au) Plating, with Center Polarization Slot, with PCB Locator, with Locking Window, Tube



Series image - Reference only

Documents:

3D Model
Drawing (PDF)
Product Specification PS-87831-027 (PDF)
RoHS Certificate of Compliance (PDF)

Agency Certification	
CSA	LR19980
UL	E29179
General	
Product Family	PCB Headers
Series	87832
Application	Signal, Wire-to-Board
Comments	Without Cap|Contact Molex for application in automotive industry
Overview	Milli-Grid™ Connector System
Product Name	Milli-Grid™
UPC	883906170967
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	Yes
Lock to Mating Part	Yes
Material - Metal	Phosphor Bronze
Material - Plating Mating	Gold
Material - Plating Termination	Tin
Material - Resin	Nylon
Net Weight	0.367/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	1.905µm
Polarized to PCB	No
Shrouded	Fully
Stackable	No
Surface Mount Compatible (SMC)	Yes
Temperature Range - Operating	-55°C to +105°C
Termination Interface: Style	Surface Mount

EU ELV
Not Relevant

EU RoHS | **China RoHS**
Compliant

REACH SVHC
Contains SVHC(2014 December 17): No

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

Search Parts in this Series
87832 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

Electrical	
Current - Maximum per Contact	2.0A
Voltage - Maximum	125V
Solder Process Data	
Duration at Max. Process Temperature (seconds)	010
Lead-freeProcess Capability	REFLOW
Max. Cycles at Max. Process Temperature	001
Process Temperature max. C	260
Material Info	
Reference - Drawing Numbers	
Product Specification	PS-87831-027
Sales Drawing	SD-87832-022

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