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- Cross-Ref**
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- [Sockets](#)
- [I/O Connectors](#)
- [Cable Assemblies](#)
- [Fiber Optics](#)
- [Printed Circuit Products](#)
- [Industrial Products](#)
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- [Home](#)
- [PCB Headers](#)
- [Datasheet](#)

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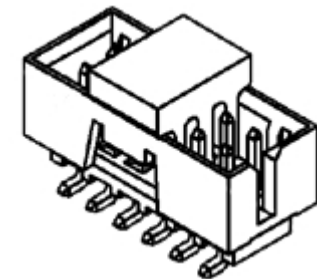
Part Number:
0878320836

Status:
Active

Overview:
Milli-Grid™

Description:
2.00mm (.079") Pitch Milli-Grid™ Header, Surface Mount, Vertical, Shrouded, Lead-free, 8 Circuits, 0.38µm (15µ") Gold (Au) Plating, with Central Locking Window, with Pick-and-Place Cap, with PCB Locator, Embossed Tape on Reel

Documents: *Note - Please disable browser pop-up blockers for documents on www.molex.com*
[Drawing \(PDF\)](#) [Product Specification PS-87831-027 \(PDF\)](#)



Series image - Reference only

EU RoHS
ELV and RoHS
Compliant

REACH SVHC
Contains SVHC: No

Halogen-Free
Status
Not Reviewed

China RoHS



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Email productcompliance@molex.com

For a multiple part number RoHS Certificate of Compliance, [click here](#)

Please visit the [Contact Us](#) section for any non-product compliance questions.

Search Parts in this Series

[87832](#)Series

Mates With

[50394](#) Wire-to-Board Terminals
Link:51110 Wire-to-Board Crimp Housing

Link:87568 Wire-to-Board IDT Housings

Link:79107 Board-to-Board Top Entry Through Hole Receptacle

Link:79108 Board-to-Board FFC/FPC Top Entry Through Hole Receptacle

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[Datasheet \(PDF\)](#)

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[General](#)[Physical](#)[Electrical](#)[Solder Process Data](#)[Material Info](#)[Reference - Drawing Numbers](#)

General

Product Family	PCB Headers
Series	<u>87832</u>
Application	Wire-to-Board
Comments	With Cap, Contact Molex for application in automotive industry
Overview	<u>Milli-Grid™</u>
Product Name	Milli-Grid™

Physical

Breakaway	No
Circuits (Loaded)	8
Circuits (maximum)	8
Color - Resin	Black
First Mate / Last Break	No
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
Number of Rows	2
Orientation	Vertical
PCB Locator	Yes
PCB Retention	None
Packaging Type	Embossed Tape on Reel
Pitch - Mating Interface (in)	0.079 In
Pitch - Mating Interface (mm)	2.00 mm
Pitch - Term. Interface (in)	0.079 In
Pitch - Term. Interface (mm)	2.00 mm
Plating min: Mating (µin)	30
Plating min: Mating (µm)	0.76
Plating min: Termination (µin)	75
Plating min: Termination (µm)	1.88
Polarized to Mating Part	Center Slot
Polarized to PCB	No
Robotic Placement	Pick and Place Cap
Shrouded	Fully
Stackable	No
Temperature Range - Operating	-55°C to +105°C

Termination Interface: Style	Surface Mount
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Electrical(Please review the Product Specification for specific details.)

Current - Maximum per Contact	2A
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Voltage - Maximum	125V
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Solder Process Data

Duration at Max. Process Temperature (seconds)	10
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Lead-free Process Capability	Reflow Capable (SMT only)
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Max. Cycles at Max. Process Temperature	1
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Process Temperature max. C	260
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Material Info**Reference - Drawing Numbers**

Product Specification	PS-87831-027
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Sales Drawing	SD-87832-034
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