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Part Number: [0878326123](#)

Status: **Active**

Overview:

Description: 2.00mm (.079") Pitch Milli-Grid™ Header, Surface Mount, Vertical, Shrouded, Lead-free, 24 Circuits, 0.76µm (30µ") Gold (Au) Plating, with Pick-and-Place Cap, with Locking Windows and Center Polarization Slot, PCB Locator, Embossed Tape on Reel

Documents:

[3D Model](#)

[Drawing \(PDF\)](#)

[Product Specification PS-87831-027 \(PDF\)](#)

[RoHS Certificate of Compliance \(PDF\)](#)

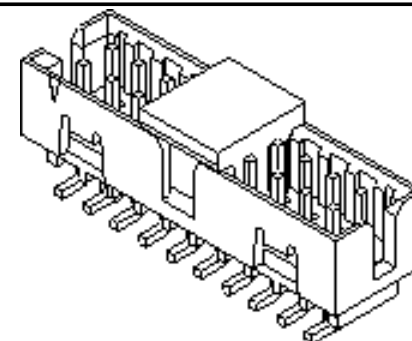
General

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

Physical

Breakaway	No
Circuits (Loaded)	24
Circuits (maximum)	24
Color - Resin	Black
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
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	Side Slots (2)
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

Electrical



Series image - Reference only

EU RoHS

ELV and RoHS Compliant

REACH SVHC

Contains SVHC: No

Halogen-Free

Status

Not Reviewed

China RoHS



Need more information on product environmental compliance?

Email productcompliance@molex.com
Please visit the [Contact Us](#) section for any non-product compliance questions.

Duration at Max.	10
Process Temperature (seconds)	
Lead-free Process Capability	Reflow Capable (SMT only)
Max. Cycles at Max.	1
Process Temperature	
Process Temperature max. C	260

Search Parts in this Series

[87832 Series](#)

Mates With

[50394](#) Wire-to-Board Terminals. [51110](#) Wire-to-Board Crimp Housing. [87568](#) Wire-to-Board IDT Housings. [79107](#) Board-to-Board Top Entry Through Hole Receptacle. [79108](#) Board-to-Board FFC/FPC Top Entry Through Hole Receptacle. L

CSA
Current - Maximum
UL
Voltage - Maximum

LR19980
2A
E29179
125V

Material Info

Reference - Drawing Numbers

Product Specification
Sales Drawing

PS-87831-027
SD-87832-007

This document was generated on 11/05/2009

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