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Part Number: 87833-0433

Image not available

Status:	Contact Molex
Series:	87833
Category:	PCB Headers
Overview:	Milli-Grid™

Series image - Reference only

Mates With Part(s):
50394 Wire-to-Board Terminals, 51110 Wire-to-Board Crimp Housing, 87568 Wire-to-Board IDT Housing, 79107 Board-to-Board Top Entry Through Hole Receptacle, 79108 Board-to-Board FFC/FPC Top Entry Through Hole Receptacle

Part Detail

General

Status	Contact Molex
Category	PCB Headers
Series	87833
Application	Signal, Wire-to-Board
Comments	Contact Molex for application in automotive industry
Overview	Milli-Grid™
Product Name	Milli-Grid™

Physical

Breakaway	No
Circuits (Loaded)	4
Circuits (maximum)	4
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	Yes
Material - Metal	Phosphor Bronze
Material - Plating Mating	Gold
Material - Plating Termination	Tin
Material - Resin	Nylon
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
Surface Mount Compatible (SMC)	Yes
Temperature Range - Operating	-55°C to +105°C
Termination Interface: Style	Through Hole

(Please review the Product Specification for specific details.)

Current - Maximum per Contact	2A
Voltage - Maximum	125V

Agency Certification

CSA	LR19980
UL	E29179

Reference - Drawing Numbers

Product Specification   PS-87831-027
Sales Drawing   SD-87833-037

Application Tooling

Tooling specifications and manuals are found by selecting the products below.

Crimp Height Specifications are then contained in the Application Tooling Specification document.

Previously Available Application Tooling
Check our list of old tooling that used to be available for this part