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Part Number: [0877591014](#)
Status: **Active**
Overview: [Milli-Grid™ Connector System](#)
Description: Milli-Grid™ Header, Surface Mount, Vertical, 10 Circuits, 0.38µm Gold (Au) Selective Plating, without Press-fit Plastic Pegs, Lead-Free

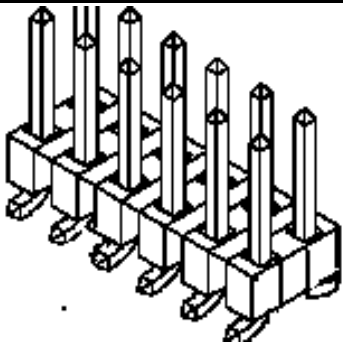
Documents:
[3D Model](#) [Product Specification PS-87761-100 \(PDF\)](#)
[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)

Agency Certification
UL E29179

General
Product Family PCB Headers
Series [87759](#)
Application Board-to-Board, Signal
Overview [Milli-Grid™ Connector System](#)
Product Name Milli-Grid™
UPC 822348311187

Physical
Breakaway Yes
Circuits (Loaded) 10
Circuits (maximum) 10
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 None
Mated Height 3.80mm
Material - Metal Phosphor Bronze
Material - Plating Mating Gold
Material - Plating Termination Tin
Material - Resin Nylon
Net Weight 0.244/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 0.381µm
Polarized to Mating Part No
Polarized to PCB No
Shrouded No
Stackable No
Temperature Range - Operating -55°C to +105°C
Termination Interface: Style Surface Mount

Electrical
Current - Maximum per Contact 2.0A
Voltage - Maximum 125V



Series image - Reference only

EU ELV
Not Relevant

EU RoHS **China RoHS**
Compliant
REACH SVHC
Not Contained Per
-ED/01/2017 (12
January 2017)
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
[87759](#) 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™ Top
Entry Surface Mount Receptacle [87381](#) ,
Milli-Grid™ Crimp Housing [51110](#)

Solder Process Data

Duration at Max. Process Temperature (seconds)	010
Lead-freeProcess Capability	REFLOW
Max. Cycles at Max. Process Temperature	003
Process Temperature max. C	260

Material Info

Reference - Drawing Numbers

Product Specification	PS-87761-100
Sales Drawing	SD-87759-117

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