

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

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](#)
[Drawing \(PDF\)](#)
[Product Specification PS-87761-100 \(PDF\)](#)
[Packaging Specification PK-89990-475 \(PDF\)](#)
[RoHS Certificate of Compliance \(PDF\)](#)

Agency Certification

UL E29179

General

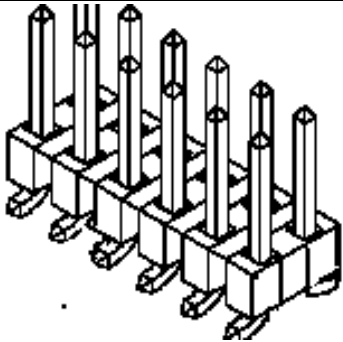
Product Family PCB Headers
Series 87759
Application Board-to-Board, Signal
Overview Milli-Grid™ Connector System
Product Name Milli-Grid
UPC 822348311187

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



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

Compliant

China RoHS

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

Voltage - Maximum	125V
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	
Packaging Specification	PK-89990-475
Product Specification	PS-87761-100
Sales Drawing	SD-87759-117

This document was generated on 12/28/2017

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION