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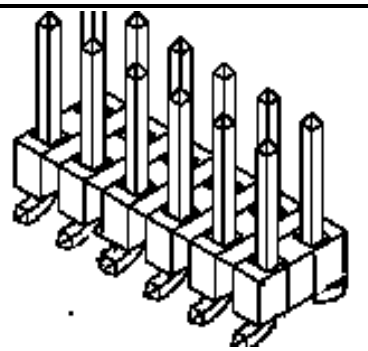
Part Number: 0877591414
Status: Active
Overview: Milli-Grid™ Connector System
Description: Milli-Grid™ Header, Surface Mount, Vertical, 14 Circuits, 0.38µm Gold (Au) Selective Plating, without Press-fit Plastic Pegs, Lead-Free



Series image - Reference only

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	822348283514
Physical	
Breakaway	Yes
Circuits (Loaded)	14
Circuits (maximum)	14
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	0.398/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

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

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