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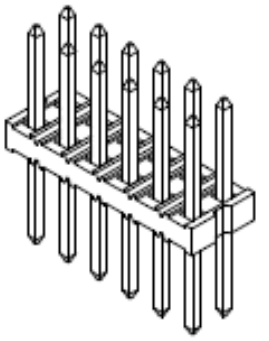
Part Number: 0877584616
Status: Active
Overview: Milli-Grid Connector System
Description: 2.00mm Pitch Milli-Grid Header, Through Hole, Vertical, 46 Circuits, 0.38µm Gold (Au) Selective Plating, Pocket Tray Packaging, Lead-Free



Series image - Reference only

Documents:

3D Model
Drawing (PDF)
Product Specification PS-87761-100-001 (PDF)
Packaging Specification PK-89990-487-001 (PDF)
RoHS Certificate of Compliance (PDF)

Agency Certification	
UL	E29179
General	
Product Family	PCB Headers
Series	87758
Application	Board-to-Board, Signal
Overview	Milli-Grid Connector System
Product Name	Milli-Grid
UPC	822348310951
Physical	
Breakaway	Yes
Circuits (Loaded)	46
Circuits (maximum)	46
Color - Resin	Black
Durability (mating cycles max)	100
First Mate / Last Break	No
Flammability	94V-0
Glow-Wire Capable	No
Guide to Mating Part	No
Keying to Mating Part	None
Lock to Mating Part	None
Mated Height	4.00mm
Material - Metal	Phosphor Bronze
Material - Plating Mating	Gold
Material - Plating Termination	Tin
Material - Resin	Nylon
Net Weight	1.021/g
Number of Rows	2
Orientation	Vertical
PC Tail Length	2.60mm
PCB Locator	No
PCB Retention	None
PCB Thickness - Recommended	1.60mm
Packaging Type	Tray
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
Surface Mount Compatible (SMC)	Yes
Temperature Range - Operating	-55° to +105°C
Termination Interface: Style	Through Hole

EU ELV
Not Relevant

EU RoHS | **China RoHS**
Compliant

REACH SVHC
Not Contained Per - ED/30/2017 (7 July 2017)

Halogen-Free Status
Not Low-Halogen

For more information, please visit Contact US

China ROHS	Green Image
ELV	Not Relevant
RoHS Phthalates	Not Contained

Search Parts in this Series
87758 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

Datasheet.Live

Electrical	
Current - Maximum per Contact	2.0A
Voltage - Maximum	125V
Solder Process Data	
Duration at Max. Process Temperature (seconds)	003
Lead-freeProcess Capability	WAVE
Max. Cycles at Max. Process Temperature	001
Process Temperature max. C	250
Material Info	
Reference - Drawing Numbers	
Packaging Specification	PK-89990-487-001
Product Specification	PS-87761-100-001
Sales Drawing	SD-87758-107-001

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