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Part Number:

0877591450

Status:

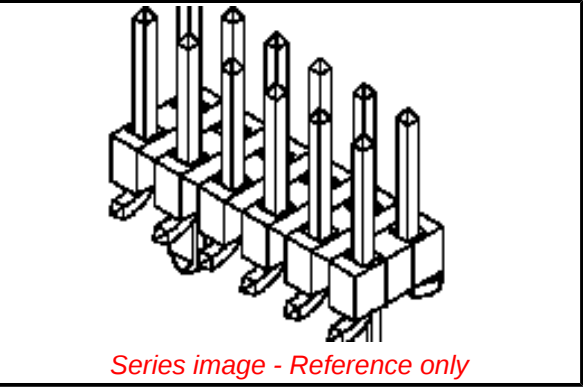
Active

Overview:

Milli-Grid Connector System

Description:

Milli-Grid Header, Surface Mount, Vertical, 14 Circuits, 0.38µm Gold (Au) Selective Plating, with Press-fit Plastic Pegs, Lead-Free



Documents:

3D Model

Drawing (PDF)

Product Specification PS-87761-100-001 (PDF)

Application Specification 503940001-AS-000 (PDF)

Packaging Specification PK-89990-475-001 (PDF)

Test Summary 877610000-TS-000 (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		822348283521
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 Capable		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		High Temperature Thermoplastic
Net Weight		0.342/g
Number of Rows		2
Orientation		Vertical
PCB Locator		Yes
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		Yes
Temperature Range - Operating		-55° to +125°C
Termination Interface: Style		Surface Mount

Electrical

EU ELV	
Not Relevant	
EU RoHS	China RoHS
Compliant	
REACH SVHC	
Not Contained Per - D(2020)9139-DC (19 Jan 2021)	
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

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](#)

Current - Maximum per Contact	2.0A
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	
Application Specification	503940001-AS-000
Packaging Specification	PK-89990-475-001
Product Specification	PS-87761-100-001
Sales Drawing	SD-87759-113-001
Test Summary	877610000-TS-000

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