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Part Number:

0877600006

Status:

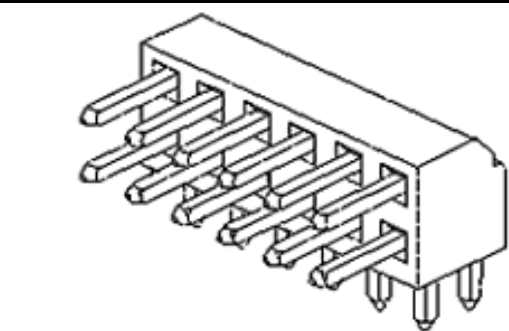
Active

Overview:

Milli-Grid Connector System

Description:

2.00mm Pitch Milli-Grid Header, Right-Angle, Through Hole, 16 Circuits, 0.38µm Gold (Au) Selective Plating, Tray, Lead-Free



Series image - Reference only

Documents:	
3D Model	Application Specification 503940001-AS-000 (PDF)
Drawing (PDF)	Test Summary 877610000-TS-000 (PDF)
3D Model (PDF)	RoHS Certificate of Compliance (PDF)
Product Specification PS-87761-100-001 (PDF)	

Agency Certification		
CSA		LR19980
UL		E29179
General		
Product Family		PCB Headers
Series		87760
Application		Board-to-Board, Signal, Wire-to-Board
Comments		Lead-Free version of 87049 series
Overview		Milli-Grid Connector System
Product Name		Milli-Grid
UPC		884982230033
Physical		
Breakaway		No
Circuits (Loaded)		16
Circuits (maximum)		16
Color - Resin		Black
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		5.00mm
Material - Metal		Brass
Material - Plating Mating		Gold
Material - Plating Termination		Tin
Material - Resin		High Temperature Thermoplastic
Net Weight		0.434/g
Number of Rows		2
Orientation		Right Angle
PC Tail Length		3.00mm
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		Yes
Surface Mount Compatible (SMC)		Yes

EU ELV

Not Relevant

EU RoHS

Not Reviewed

China RoHS

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

87760 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 Side Entry Surface Mount Receptacle [87264](#)

Temperature Range - Operating	-55° to +105°C
Termination Interface: Style	Through Hole
Electrical	
Current - Maximum per Contact	2.0A
Voltage - Maximum	125V
Solder Process Data	
Duration at Max. Process Temperature (seconds)	014
Lead-freeProcess Capability	WAVE
Max. Cycles at Max. Process Temperature	001
Process Temperature max. C	265
Material Info	
Reference - Drawing Numbers	
Application Specification	503940001-AS-000
Product Specification	PS-87761-100-001
Sales Drawing	SD-87760-500-001
Test Summary	877610000-TS-000

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