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Part Number:

0877602216

Status:

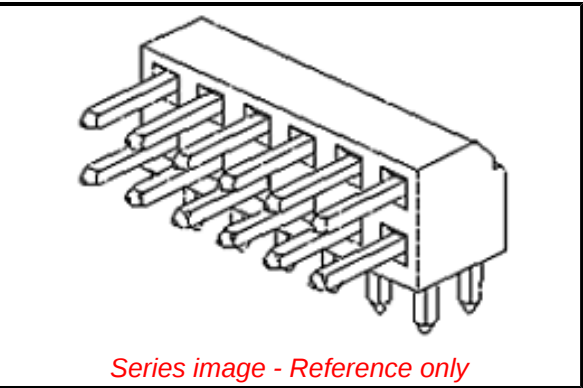
Active

Overview:

Milli-Grid™ Connector System

Description:

2.00mm Pitch Milli-Grid™ Header, Right Angle, Through Hole, 22 Circuits, 0.38µm Gold (Au) Selective Plating, Tray, Lead-Free



Documents:

3D Model

Drawing (PDF)

Product Specification PS-87761-100 (PDF)

Packaging Specification PK-89990-487 (PDF)

RoHS Certificate of Compliance (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		822348137602

Physical		
Breakaway		No
Circuits (Loaded)		22
Circuits (maximum)		22
Color - Resin		Black
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		4.00mm
Material - Metal		Phosphor Bronze
Material - Plating Mating		Gold
Material - Plating Termination		Tin
Material - Resin		High Temperature Thermoplastic
Net Weight		0.872/g
Number of Rows		2
Orientation		Right Angle
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
Plating min - Termination		1.905µm
Polarized to Mating Part		No
Polarized to PCB		No
Shrouded		No
Stackable		Yes
Surface Mount Compatible (SMC)		Yes

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
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](#)

Temperature Range - Operating	-55°C 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	
Packaging Specification	PK-89990-487
Product Specification	PS-87761-100
Sales Drawing	SD-87760-109

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