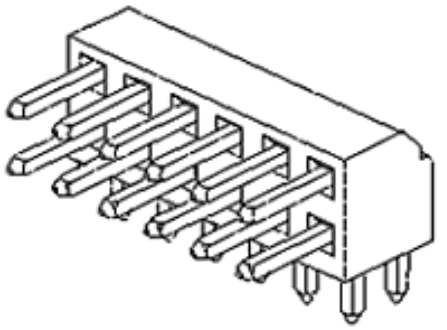
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Part Number: 0877603616
Status: Active
Overview: Milli-Grid™ Connector System
Description: 2.00mm Pitch Milli-Grid™ Header, Right Angle, Through Hole, 36 Circuits, 0.38µm Gold (Au) Selective Plating, Tray, Lead-Free



Series image - Reference only

Documents:

3D Model
Drawing (PDF)
Product Specification PS-87761-100 (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	822348273829

Physical

Breakaway	No
Circuits (Loaded)	36
Circuits (maximum)	36
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	1.428/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
Temperature Range - Operating	-55°C to +105°C

EU ELV
Not Relevant

EU RoHS
Compliant

China RoHS

REACH SVHC
Not Contained Per -ED/79/2015 (17 December 2015)

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

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

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	
Product Specification	PS-87761-100
Sales Drawing	SD-87760-109

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