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Part Number:

0877583616

Status:

Active

Overview:

Milli-Grid Connector System

Description:

2.00mm Pitch Milli-Grid Header, Through Hole, Vertical, 36 Circuits, 0.38µm Gold (Au)
Selective Plating, Pocket Tray Packaging, Lead-Free

Documents:

3D Model

3D Model (PDF)

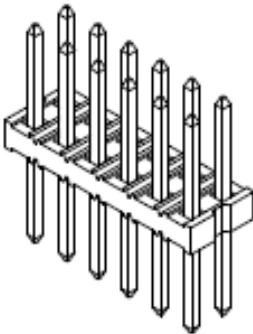
Drawing (PDF)

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

Application Specification 503940001-AS-000 (PDF)

Packaging Specification PK-89990-487-001 (PDF)

RoHS Certificate of Compliance (PDF)



Series image - Reference only

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
Taxonomy		PCB Headers and Receptacles
UPC		822348273638

Physical		
Breakaway		Yes
Circuits (Loaded)		36
Circuits (maximum)		36
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		0.912/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

EU ELV	
Not Relevant	
EU RoHS	China RoHS
Compliant	
REACH SVHC	
Not Contained Per - D(2022)4187-DC (10 June 2022)	
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](#)

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)	003
Lead-freeProcess Capability	WAVE
Max. Cycles at Max. Process Temperature	001
Process Temperature max. C	250
Material Info	
Reference - Drawing Numbers	
Application Specification	503940001-AS-000
Packaging Specification	PK-89990-487-001
Product Specification	PS-87761-100-001
Sales Drawing	SD-87758-107-001

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