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Part Number:

0873681824

Status:

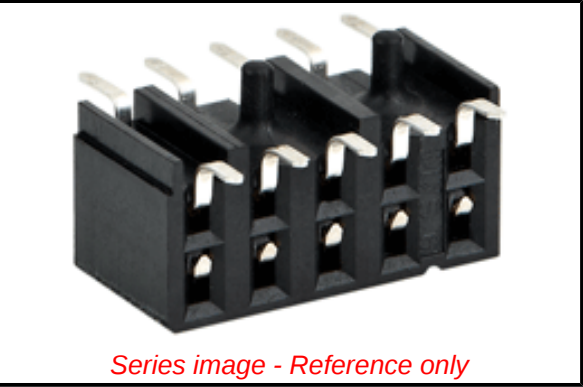
Active

Overview:

Milli-Grid Connector System

Description:

Milli-Grid Receptacle, Surface Mount, Side Entry, 0.38µm Gold (Au) Plating, 18 Circuits, Lead-Free



- Documents:
- 3D Model

Packaging Specification PK-87368-0001-001 (PDF)
- Drawing (PDF)

Packaging Specification PK-87368-0002-001 (PDF)
- 3D Model (PDF)

Brochure (PDF)
- Product Specification PS-87264-001 (PDF)

RoHS Certificate of Compliance (PDF)
- Application Specification 503940001-AS-000 (PDF)

Agency Certification	
CSA	LR19980
UL	E29179
General	
Product Family	PCB Receptacles
Series	87368
Application	Board-to-Board, Signal
Overview	Milli-Grid Connector System
Product Name	Milli-Grid
Taxonomy	PCB Headers and Receptacles
UPC	822348477999

Physical	
Circuits (Loaded)	18
Circuits (maximum)	18
Color - Resin	Black
Durability (mating cycles max)	25
Flammability	94V-0
Glow-Wire Capable	No
Lock to Mating Part	None
Material - Metal	Phosphor Bronze
Material - Plating Mating	Gold
Material - Plating Termination	Tin
Material - Resin	Nylon
Net Weight	0.594/g
Number of Rows	2
Orientation	Right Angle
PCB Locator	Yes
PCB Retention	Yes
Packaging Type	Tube
Pitch - Mating Interface	2.00mm
Plating min - Mating	0.381µm
Plating min - Termination	2.540µm
Polarized to PCB	Yes
Surface Mount Compatible (SMC)	N/A
Temperature Range - Operating	-55° to +105°C
Termination Interface: Style	Surface Mount

Electrical	
Current - Maximum per Contact	1.0A
Voltage - Maximum	125V

Solder Process Data	
Duration at Max. Process Temperature (seconds)	014

EU ELV

Not Relevant

EU RoHS

Compliant

China RoHS

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

87368 Series

Mates With

87758 Vertical Through Hole PCB Headers,
87759 Vertical Surface Mount PCB Headers,
87760 Right Angle Through Hole PCB
Headers

Lead-free	Process Capability	REFLOW
Max. Cycles at Max. Process Temperature		001
Process Temperature max. C		265

Material Info

Reference - Drawing Numbers

Application Specification	503940001-AS-000
Packaging Specification	PK-87368-0001-001, PK-87368-0002-001
Product Specification	PS-87264-001
Sales Drawing	SD-87368-XX20-001

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