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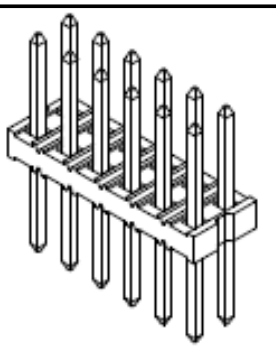
Part Number: 87758-2216
Status: Active
Overview: Milli-Grid™ Connector System
Description: 2.00mm Pitch Milli-Grid™ Header, Through Hole, Vertical, 22 Circuits, 0.38µm Gold (Au) Selective Plating, Pocket Tray Packaging, Lead-Free



Series image - Reference only

Documents:

- 3D Model
- Drawing (PDF)
- Product Specification PS-87761-100 (PDF)
- RoHS Certificate of Compliance (PDF)

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™
UPC	822348271351

Physical

Breakaway	Yes
Circuits (Loaded)	22
Circuits (maximum)	22
Color - Resin	Black
Durability (mating cycles max)	100
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	Nylon
Net Weight	0.560/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
Temperature Range - Operating	-55°C to +105°C
Termination Interface: Style	Through Hole

EU RoHS
ELV and RoHS Compliant
REACH SVHC
Contains SVHC: No
Low-Halogen Status
Not Low-Halogen

China RoHS

Need more information on product environmental compliance?

Email productcompliance@molex.com
For a multiple part number RoHS Certificate of Compliance, click here

Please visit the Contact Us section for any non-product compliance questions.

Search Parts in this Series
87758Series

Mates With
79107 Milli-Grid™ Receptacle, Vertical, Through Hole, 79108 Milli-Grid™ Flex-to-Board, Vertical Receptacle, Milli-Grid™ Receptacle, Surface Mount, 79109 , 87381

Electrical

Current - Maximum per Contact	2A
Voltage - Maximum	125V

Solder Process Data

Duration at Max. Process Temperature (seconds)	3
Lead-free Process Capability	Wave Capable (TH only)
Max. Cycles at Max. Process Temperature	1
Process Temperature max. C	250

Material Info

Reference - Drawing Numbers

Product Specification	PS-87761-100
Sales Drawing	SD-87758-107

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