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Part Number:

0878580002

Status:

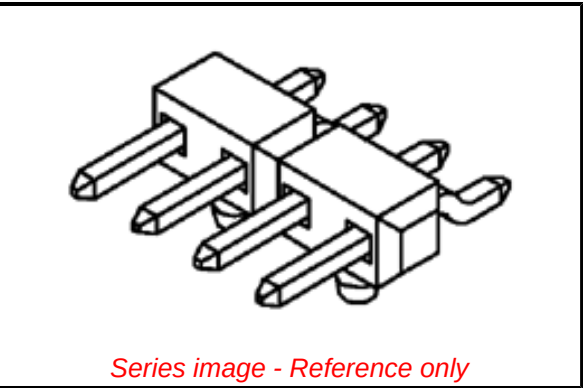
Active

Overview:

Milli-Grid Connector System

Description:

2.00mm Pitch Milli-Grid Breakaway Header, Surface Mount, Single Row, Vertical, with Peg, without Pick-and-Place Polyimide Tape, Tray Packaging, Mating Pin Length 3.20mm , 2 Circuits, Lead-Free



- Documents:
- 3D Model

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

Test Summary 877610000-TS-000 (PDF)
- Product Specification PS-87761-100-001 (PDF)

RoHS Certificate of Compliance (PDF)
- Packaging Specification PK-87858-300-000 (PDF)

Agency Certification	
UL	E29179
General	
Product Family	PCB Headers
Series	87858
3D Viewer	Yes
Application	Signal, Wire-to-Board
CURRENT-MAX-NUMERIC	2.0
Overview	Milli-Grid Connector System
PITCH-MATING-NUMERIC	2.00
Product Name	Milli-Grid
UPC	822348235841
Physical	
Breakaway	Yes
Circuits (Loaded)	2
Circuits (maximum)	2
Color - Resin	Black
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	3.20mm
Material - Metal	Copper Alloy
Material - Plating Mating	Tin over Nickel
Material - Plating Termination	Tin over Nickel
Material - Resin	High Temperature Thermoplastic
Net Weight	0.059/g
Number of Rows	1
Orientation	Parallel
PC Tail Length	2.80mm
PCB Locator	Yes
PCB Retention	None
PCB Thickness - Recommended	1.60mm
Packaging Type	Tray
Pitch - Mating Interface	2.00mm
Pitch - Termination Interface	2.00mm
Plating min - Mating	2.540µm
Polarized to Mating Part	No
Polarized to PCB	Yes
Shrouded	No

EU ELV

Not Relevant

EU RoHS

Compliant

China RoHS

REACH SVHC

Not Contained Per - ED/71/2019 (16 July 2019)

Halogen-Free

Status

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

87858 Series

Mates With

2.00mm Single Row Receptacles

Stackable	No
Temperature Range - Operating	-55° to +105°C
Termination Interface: Style	Surface Mount
Electrical	
Current - Maximum per Contact	2.0A
Voltage - Maximum	125V
Solder Process Data	
Duration at Max. Process Temperature (seconds)	010
Lead-freeProcess Capability	REFLOW
Max. Cycles at Max. Process Temperature	003
Process Temperature max. C	260
Material Info	
Reference - Drawing Numbers	
Packaging Specification	PK-87858-300-000, PK-89990-487-001
Product Specification	PS-87761-100-001
Sales Drawing	SD-87858-001
Test Summary	877610000-TS-000

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