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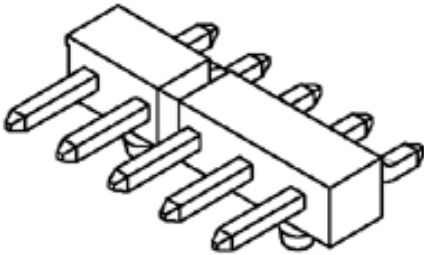
Part Number: [0878580550](#)
Status: **Active**
Overview: [Milli-Grid Connector System](#)
Description: 2.00mm Pitch Milli-Grid Breakaway Header, Surface Mount, Single Row, Parallel, 2.54µm Tin (Sn) Plating, without Peg, with Pick-and-Place Polyimide Tape, Mating Pin Length 3.20mm , 5 Circuits, Lead-Free

Documents:
[3D Model](#) [Packaging Specification PK-87858-300-000 \(PDF\)](#)
[Drawing \(PDF\)](#) [Test Summary 877610000-TS-000 \(PDF\)](#)
[Product Specification PS-87761-100-001 \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)

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 883906047832

Physical
Breakaway Yes
Circuits (Loaded) 5
Circuits (maximum) 5
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 0.143/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 Embossed Tape on Reel
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
Stackable No



Series image - Reference only

EU ELV
Not Relevant

EU RoHS **China RoHS**
Compliant
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

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
Product Specification	PS-87761-100-001
Sales Drawing	SD-87858-022
Test Summary	877610000-TS-000

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