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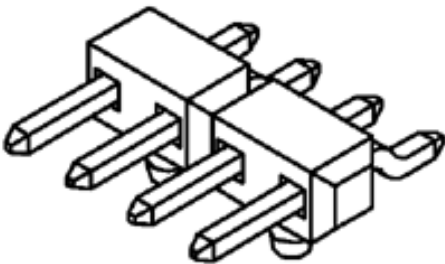
Part Number: [0878580003](#)
Status: **Active**
Overview: Milli-Grid Connector System
Description: 2.00mm Pitch Milli-Grid Breakaway Header, Surface Mount, Single Row, Vertical, with Peg, without Pick-and-Place Polyimide Tape, Tape on Reel Packaging, Mating Pin Length 6.00mm , 2 Circuits, Lead-Free

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](#)
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 822350917414

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 6.00mm
Material - Metal Copper Alloy
Material - Plating Mating Tin over Nickel
Material - Plating Termination Tin over Nickel
Material - Resin High Temperature Thermoplastic
Net Weight 0.457/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
Shrouded No
Stackable No
Temperature Range - Operating -55° to +105°C
Termination Interface: Style Surface Mount



Series image - Reference only

EU ELV
Not Relevant

EU RoHS **China RoHS**
Not Reviewed
REACH SVHC
Not Contained Per -
ED/30/2017 (7 July
2017)
Halogen-Free
Status
Low-Halogen
For more information, please visit [Contact US](#)

China ROHS	Not Relevant
ELV	Not Relevant
RoHS Phthalates	Not Contained

Search Parts in this Series
[87858](#) Series

Mates With
2.00mm Single Row Receptacles

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-87858-001
Test Summary	877610000-TS-000

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