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Part Number: [0878580550](#)

Status: **Active**

Overview:

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

Agency Certification

UL E29179

General

Product Family PCB Headers
Series [87858](#)
Application Signal, Wire-to-Board
Overview milligrd
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
Material - Plating Termination Tin
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
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

EU ELV

Not Relevant

EU RoHS

Compliant

REACH SVHC

Not Contained Per -
D(2021)4569-DC (8
July 2021)

Halogen-Free

Status

Low-Halogen

For more information, please visit [Contact US](#)

China ROHS

ELV

RoHS Phthalates

China RoHS

Green Image

Not Relevant

Not Contained

Search Parts in this Series

[87858](#) Series

Mates With

2.00mm Single Row Receptacles

Lead-freeProcess Capability	REFLOW
Max. Cycles at Max. Process Temperature	003
Process Temperature max. C	260

Material Info

Reference - Drawing Numbers

Application Specification	503940001-AS-000
Packaging Specification	PK-87858-300-000
Product Specification	PS-87761-100-001
Sales Drawing	SD-87858-022-001
Test Summary	877610000-TS-000

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