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Part Number: [0878305021](#)
Status: **Active**
Overview: [Milli-Grid Connector System](#)
Description: 2.00mm Pitch Milli-Grid Straddle Mount Header, 50 Circuits, 0.38µm Gold (Au)
Selective Plating, Tray Packaging, Lead-Free

Documents:

[3D Model](#) [Application Specification 503940001-AS-000 \(PDF\)](#)
[3D Model \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)
[Drawing \(PDF\)](#)

General

Product Family PCB Headers
Series [87830](#)
Application Board-to-Board, Signal
Overview [Milli-Grid Connector System](#)
Product Name Milli-Grid
UPC 822348299089

Physical

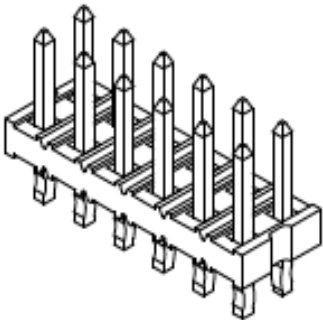
Breakaway Yes
Circuits (Loaded) 50
Circuits (maximum) 50
First Mate / Last Break No
Glow-Wire Capable No
Guide to Mating Part No
Keying to Mating Part None
Lock to Mating Part None
Material - Plating Mating Gold
Material - Plating Termination Tin
Net Weight 0.916/g
Number of Rows 2
Orientation Vertical
PCB Locator No
PCB Retention None
PCB Thickness - Recommended 1.00mm
Packaging Type Tray
Pitch - Mating Interface 2.00mm
Pitch - Termination Interface 2.00mm
Plating min - Mating 0.381µm
Plating min - Termination 1.905µm
Polarized to Mating Part No
Polarized to PCB No
Shrouded No
Stackable Yes
Temperature Range - Operating -55° to +105°C
Termination Interface: Style Straddle Mount

Electrical

Current - Maximum per Contact 2.0A
Voltage - Maximum 125V

Solder Process Data

Duration at Max. Process Temperature (seconds) 014
Lead-freeProcess Capability REFLOW
Max. Cycles at Max. Process Temperature 001
Process Temperature max. C 265



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

Compliant

China RoHS

REACH SVHC

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

Halogen-Free

Status

Not 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

[87830](#) Series

Mates With

[79107](#) Board-to-Board Top Entry Through Hole Receptacle, [79108](#) Board-to-Board FFC/FPC Top Entry Through Hole Receptacle, [79109](#) Board-to-Board Top/Bottom Entry SMT Receptacle, [87381](#) Board-to-Board Top Entry SMT Receptacle

Material Info

Reference - Drawing Numbers

Application Specification	503940001-AS-000
Sales Drawing	SD-87830-003-001

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