

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number: [0878301821](#)
Status: **Active**
Overview: [Milli-Grid Connector System](#)
Description: 2.00mm Pitch Milli-Grid Straddle Mount Header, 18 Circuits, 0.38µm Gold (Au)
Selective Plating, Lead-Free

Documents:

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

General

Product Family PCB Headers
Series [87830](#)
Application Board-to-Board, Signal
Overview [Milli-Grid Connector System](#)
Product Name Milli-Grid
UPC 822348377879

Physical

Breakaway Yes
Circuits (Loaded) 18
Circuits (maximum) 18
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 0.415/g
Number of Rows 2
Orientation Vertical
PCB Locator No
PCB Retention None
PCB Thickness - Recommended 1.07mm
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 No
Temperature Range - Operating -55° to +105°C
Termination Interface: Style Straddle Mount

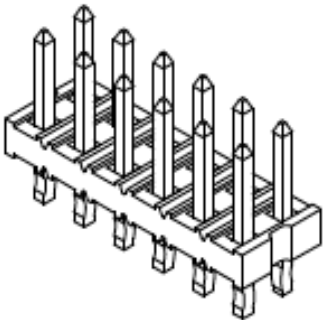
Electrical

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

Material Info

Reference - Drawing Numbers

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



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

Compliant

China RoHS

REACH SVHC

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

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

This document was generated on 05/22/2020

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION