

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number:

0879331415

Status:

Active

Overview:

Slim-Grid Board-to-Board Connectors

Description:

Slim-Grid Header, 14 Circuits, Surface Mount, Vertical, Unshrouded, 0.05µm Overall Gold (Au) Plated, with Pick-and-Place Cap, Tube, Lead-Free

Documents:

- [Drawing \(PDF\)](#)
- [Product Specification 879330001-000 \(PDF\)](#)
- [Packaging Specification PK-89990-565-000 \(PDF\)](#)
- [RoHS Certificate of Compliance \(PDF\)](#)
- [Product Literature \(PDF\)](#)

General

Product Family

Series

Application

Comments

Overview

Product Name

UPC

PCB Headers

87933

Board-to-Board, Signal

4.3 Amps per Pole with only 1 contact powered up

1.4 Amps per Pole with max contacts powered up

[Slim-Grid Board-to-Board Connectors](#)

Slim-Grid

191128087858

Physical

Breakaway

Circuits (Loaded)

Circuits (maximum)

Color - Resin

Durability (mating cycles max)

First Mate / Last Break

Glow-Wire Capable

Guide to Mating Part

Keying to Mating Part

Lock to Mating Part

Material - Metal

Material - Plating Mating

Material - Plating Termination

Material - Resin

Net Weight

Number of Rows

Orientation

PCB Locator

PCB Retention

Packaging Type

Pitch - Mating Interface

Pitch - Termination Interface

Plating min - Mating

Plating min - Termination

Polarized to Mating Part

Polarized to PCB

Robotic Placement

Shrouded

Temperature Range - Operating

Termination Interface: Style

Yes

14

14

Black

500

No

No

No

None

None

Copper Alloy

Gold

Gold

Liquid Crystal Polymer

0.238/g

2

Vertical

No

None

Tube

1.27mm

1.27mm

0.051µm

0.051µm

No

No

Pick and Place Cap

No

-55° to +105°C

Surface Mount

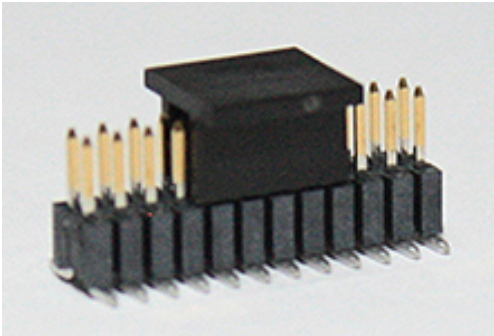
Electrical

Current - Maximum per Contact

Voltage - Maximum

1.4A

125V AC



Series image - Reference only

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

China ROHS

ELV

RoHS Phthalates

Green Image

Not Relevant

Not Contained

Search Parts in this Series

87933 Series

Mates With

Slim-Grid Receptacle (Gold Plated) [78120](#)

Solder Process Data

Duration at Max. Process Temperature (seconds)	011
Lead-freeProcess Capability	REFLOW
Max. Cycles at Max. Process Temperature	001
Process Temperature max. C	260

Material Info

Reference - Drawing Numbers

Packaging Specification	PK-89990-565-000
Product Specification	879330001-000
Sales Drawing	SD-87933-0001-000

This document was generated on 09/01/2021

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

Molex:

87933-1415