

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number:

0879330816

Status:

Active

Overview:

Slim-Grid Board-to-Board Connectors

Description:

Slim-Grid Header, 8 Circuits, Surface Mount, Vertical, Unshrouded, 2.54µm Overall Tin (Sn) 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

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

Overview

Product Name

UPC

Slim-Grid Board-to-Board Connectors

Slim-Grid

191128087605

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

8

8

Black

500

No

No

No

None

None

Copper Alloy

Tin

Tin

Liquid Crystal Polymer

0.146/g

2

Vertical

No

None

Tube

1.27mm

1.27mm

2.540µm

2.540µm

No

No

Pick and Place Cap

No

-55° to +105°C

Surface Mount

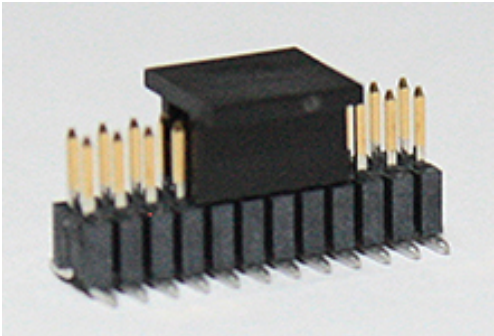
Electrical

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

ELV

RoHS Phthalates

China RoHS

Green Image

Not Relevant

Not Contained

Search Parts in this Series
87933 Series

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 09/02/2021

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Mouser Electronics

Authorized Distributor

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

Molex:

87933-0816