

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number: [0877596532](#)
Status: **Active**
Overview: Milli-Grid Connector System
Description: Milli-Grid Header, Surface Mount, Vertical, 20 Circuits, 0.76µm Gold (Au) Selective Plating, with Press-fit Plastic Pegs, Pick-and-Place Cap, Tape on Reel Packaging, Lead-Free

Documents:
[3D Model](#) [Application Specification 503940001-AS-000 \(PDF\)](#)
[Drawing \(PDF\)](#) [Packaging Specification PK-89990-484-001 \(PDF\)](#)
[3D Model \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)
[Product Specification PS-87761-100-001 \(PDF\)](#)

Agency Certification

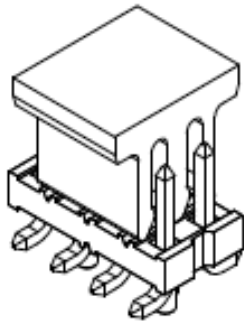
UL E29179

General

Product Family PCB Headers
Series [87759](#)
Application Board-to-Board, Signal
Overview [Milli-Grid Connector System](#)
Product Name Milli-Grid
UPC 883906902384

Physical

Breakaway Yes
Circuits (Loaded) 20
Circuits (maximum) 20
Color - Resin Black
Durability (mating cycles max) 100
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 3.80mm
Material - Metal Phosphor Bronze
Material - Plating Mating Gold
Material - Plating Termination Tin
Material - Resin High Temperature Thermoplastic
Net Weight 0.506/g
Number of Rows 2
Orientation Vertical
PCB Locator Yes
PCB Retention None
Packaging Type Embossed Tape on Reel
Pitch - Mating Interface 2.00mm
Pitch - Termination Interface 2.00mm
Plating min - Mating 0.762µm
Polarized to Mating Part No
Polarized to PCB No
Robotic Placement Pick and Place Cap
Shrouded No
Stackable Yes
Temperature Range - Operating -55° to +105°C
Termination Interface: Style Surface Mount



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

Compliant

REACH SVHC

Not Contained Per -
D(2020)4578-DC (25
June 2020)

Halogen-Free

Status

Not Low-Halogen

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

China RoHS

China ROHS Green Image
ELV Not Relevant
RoHS Phthalates Not Contained

Search Parts in this Series

[87759](#) Series

Mates With

Milli-Grid Vertical Through Hole Receptacle [79107](#) , [78787](#) , Milli-Grid Flex-to-Board Vertical Receptacle [79108](#) , Milli-Grid Vertical Surface Mount Receptacle [79109](#) , [78788](#) , Milli-Grid Top Entry Surface Mount Receptacle [87381](#) , Milli-Grid Crimp Housing [51110](#)

Electrical

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

Material Info

Reference - Drawing Numbers

Application Specification	503940001-AS-000
Packaging Specification	PK-89990-484-001
Product Specification	PS-87761-100-001
Sales Drawing	SD-87759-207-001

This document was generated on 07/16/2020

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION