

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number:

87832-2020

Status:

Active

Overview:

Milli-Grid™ Connector System

Description:

2.00mm Pitch Milli-Grid™ Header, Surface Mount, Vertical, Shrouded, Lead-Free, 20 Circuits, 0.38µm Gold (Au) Plating, with Locking Windows and Centre Polarization Slot, PCB Locator, Tube

Documents:

3D Model

Drawing (PDF)

Product Specification PS-87831-027 (PDF)

RoHS Certificate of Compliance (PDF)

Agency Certification

CSA

UL

LR19980

E29179

General

Product Family

Series

Application

Comments

Overview

Product Name

UPC

PCB Headers

87832

Signal, Wire-to-Board

Contact Molex for application in automotive industry

Milli-Grid™ Connector System

Milli-Grid™

822348274499

Physical

Breakaway

Circuits (Loaded)

Circuits (maximum)

Color - Resin

Durability (mating cycles max)

First Mate / Last Break

Flammability

Glow-Wire Compliant

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 PCB

Shrouded

Stackable

Surface Mount Compatible (SMC)

Temperature Range - Operating

Termination Interface: Style

No

20

20

Black

100

No

94V-0

No

No

Yes

Yes

Phosphor Bronze

Gold

Tin

Nylon

0.916/g

2

Vertical

No

None

Tube

2.00mm

2.00mm

0.381µm

1.905µm

No

Fully

No

Yes

-55°C to +105°C

Through Hole and Surface Mount



image - Reference only

Series

EU RoHS

ELV and RoHS

Compliant

REACH SVHC

Not Reviewed

Low-Halogen Status

Not Low-Halogen

China RoHS



Need more information on product environmental compliance?

Email productcompliance@molex.com
For a multiple part number RoHS Certificate of Compliance, [click here](#)

Please visit the [Contact Us](#) section for any non-product compliance questions.

Search Parts in this Series

87832Series

Mates With

50394 Wire-to-Board Terminals, 51110 Wire-to-Board Crimp Housing, 87568 Wire-to-Board IDT Housings, 79107 Board-to-Board Top Entry Through Hole Receptacle, 79108 Board-to-Board FFC/FPC Top Entry Through Hole Receptacle, L

Electrical

Current - Maximum per Contact	2A
Voltage - Maximum	125V

Solder Process Data

Duration at Max. Process Temperature (seconds)	10
Lead-free Process Capability	Reflow Capable (SMT only)
Max. Cycles at Max. Process Temperature	1
Process Temperature max. C	260

Material Info

Reference - Drawing Numbers

Product Specification	PS-87831-027
Sales Drawing	SD-87832-006

This document was generated on 02/19/2013

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION