

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number:

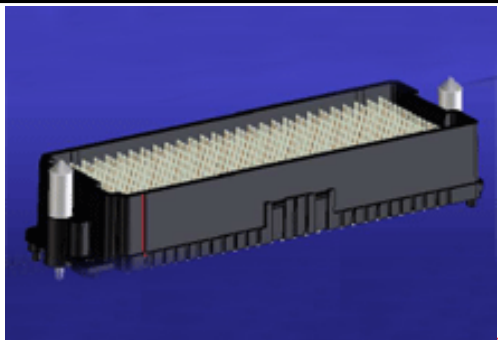
0458300027

Status:

Contact Molex

Description:

1.20mm (.047") by 2.00mm (.079") Pitch HD Mezz™ Plug, 351 Circuits, 8.00mm (.314") Unmated Height, 27 Rows, Tin (Sn)/Lead (Pb) Plating



Series

image - Reference only

Documents:

- [Drawing \(PDF\)](#)
- [RoHS Certificate of Compliance \(PDF\)](#)
- [Product Specification PS-45802-001 \(PDF\)](#)

Agency Certification

CSA

LR19980

General

Product Family

Series

Application

Comments

Product Name

PCB Headers

45830

Board-to-Board, Signal

1.20mm (.047") Pitch Pin-to-Pin and 2.00mm (.079") Pitch Row-to-Row

HD Mezz™

Physical

Breakaway

Circuits (Loaded)

Circuits (maximum)

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

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

Stackable

Surface Mount Compatible (SMC)

Temperature Range - Operating

Termination Interface: Style

No

351

351

100

No

94V-0

No

No

None

Yes

High Performance Alloy (HPA)

Gold

Tin

27

Vertical

Yes

Yes

Tray

1.20mm (.047")

1.20mm (.047")

0.762µm (30µ")

2.540µm (100µ")

Yes

Yes

Vacuum Pick-Up Clip

Closed Ends

No

Yes

-55°C to +105°C

Surface Mount

Electrical

Current - Maximum per Contact

Voltage - Maximum

2A

250V AC

Solder Process Data

EU RoHS

Not RoHS Compliant

REACH SVHC

Contains SVHC: No

Low-Halogen Status

Not Reviewed

China RoHS

50

Need more information on product environmental compliance?

Email [productcompliance@molex.com](mailto: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

45830Series

Mates With

45802 HD Mezz™ Receptacle

|                                                |                           |
|------------------------------------------------|---------------------------|
| Duration at Max. Process Temperature (seconds) | 20                        |
| Lead-free Process Capability                   | Reflow Capable (SMT only) |
| Max. Cycles at Max. Process Temperature        | 2                         |
| Process Temperature max. C                     | 230                       |
| Replacement RoHS Compliant Part Number         | 0458300227                |

**Material Info**

**Reference - Drawing Numbers**

|                       |                              |
|-----------------------|------------------------------|
| Product Specification | PS-45802-001                 |
| Sales Drawing         | SD-45830-0001, SD-45830-0002 |

This document was generated on 05/10/2011

**PLEASE CHECK [WWW.MOLEX.COM](http://WWW.MOLEX.COM) FOR LATEST PART INFORMATION**