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Part Number:

0458305221

Status:

Contact Molex

Description:

1.20mm (.047") by 2.00mm (.079") Pitch HD Mezz™ Plug, 273 Circuits, 17.00mm (.669") Unmated Height, 21 Rows, Tin (Sn) Plating

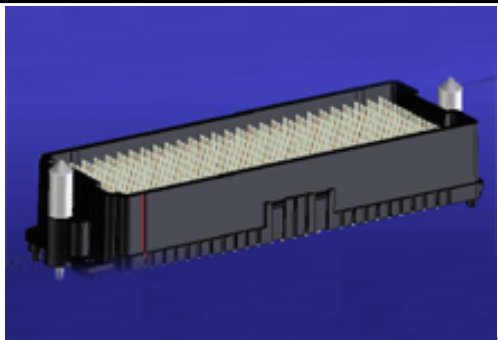


image - Reference only

Series

Documents:

- [Drawing \(PDF\)](#)
- [Product Specification PS-45802-001 \(PDF\)](#)
- [Product Specification PS-45802-002 \(PDF\)](#)
- [RoHS Certificate of Compliance \(PDF\)](#)

Agency Certification

CSA

LR19980

UL

E29179

General

Product Family

PCB Headers

Series

45830

Application

Board-to-Board, Signal

Comments

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

Product Name

HD Mezz™

Physical

Breakaway

No

Circuits (Loaded)

273

Circuits (maximum)

273

Color - Resin

Black

Durability (mating cycles max)

100

First Mate / Last Break

No

Flammability

94V-0

Glow-Wire Compliant

No

Guide to Mating Part

No

Keying to Mating Part

None

Lock to Mating Part

Yes

Material - Metal

High Performance Alloy (HPA)

Material - Plating Mating

Gold

Material - Plating Termination

Tin

Material - Resin

High Temperature Thermoplastic

Number of Rows

21

Orientation

Vertical

PCB Locator

Yes

PCB Retention

Yes

Packaging Type

Tray

Pitch - Mating Interface

1.20mm (.047")

Pitch - Termination Interface

1.20mm (.047")

Plating min - Mating

0.762µm (30µ")

Plating min - Termination

2.540µm (100µ")

Polarized to Mating Part

Yes

Polarized to PCB

Yes

Robotic Placement

Vacuum Pick-Up Clip

Shrouded

Closed Ends

Stackable

No

Surface Mount Compatible (SMC)

Yes

Temperature Range - Operating

-55°C to +105°C

Termination Interface: Style

Surface Mount

Electrical

EU RoHS

ELV and RoHS Compliant

REACH SVHC

Not Reviewed

Low-Halogen Status

Not Reviewed

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
45830Series

Mates With
45802 HD Mezz™ Receptacle

Current - Maximum per Contact	2A
Voltage - Maximum	250V AC

Solder Process Data

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	260

Material Info

Reference - Drawing Numbers

Product Specification	PS-45802-001, PS-45802-002
Sales Drawing	SD-45830-0001

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