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Part Number:

45830-3023

Status:

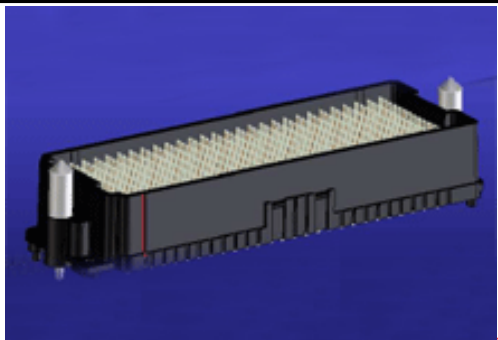
Active

Overview:

HD Mezz™

Description:

1.20mm by 2.00mm Pitch HD Mezz™ Plug, 299 Circuits, 9.00mm Unmated Height, 23 Rows, Tin (Sn)/Lead (Pb) Plating



Series

image - Reference only

Documents:

- [3D Model](#)
- [Drawing \(PDF\)](#)
- [Product Specification PS-45802-001 \(PDF\)](#)
- [Test Summary TS-45830-9003 \(PDF\)](#)
- [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 Pitch Pin-to-Pin and 2.00mm Pitch Row-to-Row

Overview

HD Mezz™

Product Name

HD Mezz™

UPC

822348849260

Physical

Breakaway

No

Circuits (Loaded)

299

Circuits (maximum)

299

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

Net Weight

14.698/g

Number of Rows

23

Orientation

Vertical

PCB Locator

Yes

PCB Retention

Yes

Packaging Type

Tray

Pitch - Mating Interface

1.20mm

Pitch - Termination Interface

1.20mm

Plating min - Mating

0.762µm

Plating min - Termination

2.540µm

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

EU RoHS

China RoHS

Not RoHS Compliant

REACH SVHC

Not Reviewed

Low-Halogen Status

Low-Halogen



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

Temperature Range - Operating	-55°C to +105°C
Termination Interface: Style	Surface Mount
Unmated Height	9.00mm
Electrical	
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	230
Replacement RoHS Compliant Part Number	0458303223
Material Info	
Reference - Drawing Numbers	
Product Specification	PS-45802-001
Sales Drawing	SD-45830-0001, SD-45830-0002
Test Summary	TS-45830-9003

This document was generated on 10/18/2012

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