

## Part Number: 45830-4223

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Status: Contact Molex  
Series: 45830  
Category: PCB Headers  
Overview: HD Mezz™

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Series image - Reference only

Mates With Part(s):  
[45802](#) HD Mezz™ Receptacle

## Specifications &amp; Other Documents:

Note - Please disable browser pop-up blockers to view documents on [www.molex.com](http://www.molex.com)

## Part Detail

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## ▼ General

Status	Contact Molex
Category	PCB Headers
Series	<a href="#">45830</a>
Application	Board-to-Board, Signal
Comments	1.20mm Pitch Pin-to-Pin and 2.00mm Pitch Row-to-Row
Overview	<a href="#">HD Mezz™</a>
Product Name	HD Mezz™
UPC	800756958736

## ▼ 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	19.249/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
Temperature Range - Operating	-55°C to +105°C
Termination Interface: Style	Surface Mount
Unmated Height	12.00mm

## ▼ Electrical

(Please review the Product Specification for specific details.)

Current - Maximum per Contact	2.0A
Voltage - Maximum	250V AC

## ▼ Agency Certification

Please find UL Certificates by searching the UL Database using the Molex Series Number. <a href="#">Click here to visit the UL Database</a>	
CSA	LR19980
UL	E29179

## ▼ Solder Process Data

Duration at Max. Process Temperature (seconds)	020
Lead-freeProcess Capability	REFLOW
Max. Cycles at Max. Process Temperature	002
Process Temperature max. C	260

## ▼ Material Info

## ▼ Reference - Drawing Numbers

Product Specification	PS-45802-001
Sales Drawing	SD-45830-0001, SD-45830-0002
Test Summary	TS-45830-0003