

**Part Number: 45830-4225**

*Image not available*

**Status:** Contact Molex  
**Series:** [45830](#)  
**Category:** PCB Headers  
**Overview:** [HD Mezz™](#)

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

**Specifications & Other Documents:**

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

**Part Detail**

**COLLAPSE ALL**

▼ **General**

<b>Status</b>	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	800756958743

▼ **Physical**

Breakaway	No
Circuits (Loaded)	325
Circuits (maximum)	325
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	20.584/g
Number of Rows	25
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**

<b>(Please review the Product Specification for specific details.)</b>	
Current - Maximum per Contact	2.0A
Voltage - Maximum	250V AC

▼ **Agency Certification**

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

▼ **Solder Process Data**

Duration at Max. Process Temperature (seconds)	020
Lead-free Process 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-45830-9003

**Application Tooling**

[FAQ](#)

Tooling specifications and manuals are found by selecting the products below.

Crimp Height Specifications are then contained in the Application Tooling Specification document.

**Previously Available Application Tooling**

[Check our list of old tooling that used to be available for this part](#)

**Molex Connectors**

Wire-to-Board  
 Board-to-Board  
 Wire-to-Wire  
 Input/Output (IO)  
 FFC/FPC  
 Sockets

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