

Part Number: 45830-3213

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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:

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Part Detail

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▼ **General**

Status	Contact Molex
Category	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	800756958477

▼ **Physical**

Breakaway	No
Circuits (Loaded)	169
Circuits (maximum)	169
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	9.679/g
Number of Rows	13
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	9.00mm

▼ **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. Click here to visit the UL Database	
CSA	LR19980
UL	E29179

▼ **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

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