# Part Number: 45830-3219

Image not available

Series image - Reference only

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

Go to Part Detail▼

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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

## 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

## Part Detail

COLLAPSE ALL

### 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 | 800756958507 |

### Physical

| | |
|---|---|
| Breakaway | No |
| Circuits (Loaded) | 247 |
| Circuits (maximum) | 247 |
| 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 | 12.690/g |
| Number of Rows | 19 |
| 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-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-45830-9003 |



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