

**PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION**

**Part Number:** **0458300215**  
**Status:** **Active**  
**Overview:** HD Mezz Mezzanine Connector System  
**Description:** 1.20mm by 2.00mm Pitch HD Mezz Plug, 195 Circuits, 8.00mm Unmated Height, 15 Rows, Tin (Sn) Plating

**Documents:**

[3D Model](#) [Test Summary TS-45830-9003-001 \(PDF\)](#)  
[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)  
[Product Specification PS-45802-001-001 \(PDF\)](#)

**Agency Certification**

CSA LR19980  
 UL E29179

**General**

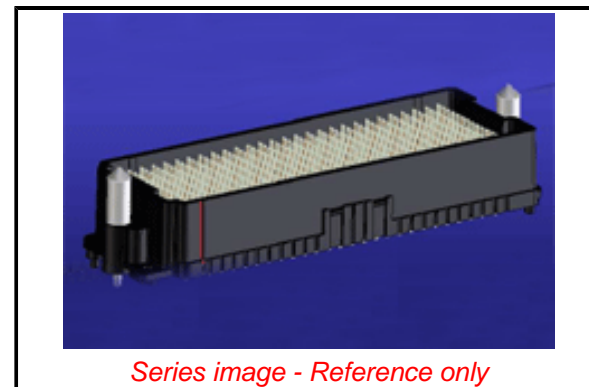
Product Family PCB Headers  
 Series [45830](#)  
 3D Viewer Yes  
 Application Board-to-Board, Signal  
 CURRENT-MAX-NUMERIC 2.0  
 Comments 1.20mm Pitch Pin-to-Pin and 2.00mm Pitch Row-to-Row, 1.20mm Pitch Pin-to-Pin and 2.00mm Pitch Row-to-Row

**Overview**

PITCH-MATING-NUMERIC [HD Mezz Mezzanine Connector System](#)  
 Product Name 1.20  
 HD Mezz  
 UPC 822350629812

**Physical**

Breakaway No  
 Circuits (Loaded) 195  
 Circuits (maximum) 195  
 Color - Resin Black  
 Durability (mating cycles max) 100  
 First Mate / Last Break No  
 Flammability 94V-0  
 Glow-Wire Capable 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 9.279/g  
 Number of Rows 15  
 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



Series image - Reference only

**EU ELV**

**Not Relevant**

**EU RoHS**

**Compliant**

**REACH SVHC**

Not Contained Per  
 -ED/88/2018 (15  
 January 2019)

**Halogen-Free**

**Status**

**Low-Halogen**

For more information, please visit [Contact US](#)

China ROHS

ELV

RoHS Phthalates

**China RoHS**

Green Image

Not Relevant

Not Contained

**Search Parts in this Series**

[45830](#) Series

**Mates With**

[45802](#) HD Mezz Receptacle

Robotic Placement	Vacuum Pick-Up Clip
Shrouded	Closed Ends
Stackable	No
Surface Mount Compatible (SMC)	Yes
Temperature Range - Operating	-55° to +105°C
Termination Interface: Style	Surface Mount
Unmated Height	8.00mm
<b>Electrical</b>	
Current - Maximum per Contact	2.0A
Voltage - Maximum	250V AC
<b>Solder Process Data</b>	
Duration at Max. Process Temperature (seconds)	020
Lead-free Process Capability	REFLOW
Max. Cycles at Max. Process Temperature	002
Process Temperature max. C	260
<b>Material Info</b>	
<b>Reference - Drawing Numbers</b>	
Electrical Model Document	EE-45802-0016
Product Specification	PS-45802-001-001
S-Parameter Model	SP-45802_45830
Sales Drawing	SD-45830-0001-001, SD-45830-0002
Test Summary	TS-45830-9003-001

This document was generated on 07/29/2019

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