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Part Number: [45830-2011](#)
Status: **Active**
Overview: [HD Mezz™](#)
Description: 1.20mm by 2.00mm Pitch HD Mezz™ Plug, 143 Circuits, 10.00mm Unmated Height, 11 Rows, Tin (Sn)/Lead (Pb) Plating

Documents:

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

Agency Certification

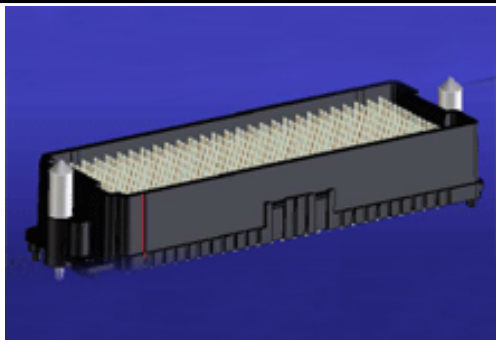
CSA LR19980
UL E29179

General

Product Family 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 822348843664

Physical

Breakaway No
Circuits (Loaded) 143
Circuits (maximum) 143
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 9.466/g
Number of Rows 11
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



Series

image - Reference only

EU RoHS

Not RoHS Compliant
REACH SVHC
Not Reviewed
Low-Halogen Status
Low-Halogen

China RoHS



Need more information on product environmental compliance?

Email productcompliance@molex.com
For a multiple part number RoHS Certificate of Compliance, [click here](#)

Please visit the [Contact Us](#) section for any non-product compliance questions.

Search Parts in this Series

[45830Series](#)

Mates With

[45802 HD Mezz™ Receptacle](#)

Temperature Range - Operating	-55°C to +105°C
Termination Interface: Style	Surface Mount
Unmated Height	10.00mm

Electrical

Current - Maximum per Contact	2A
Voltage - Maximum	250V AC

Solder Process Data

Duration at Max. Process Temperature (seconds)	20
Lead-free Process Capability	Reflow Capable (SMT only)
Max. Cycles at Max. Process Temperature	2
Process Temperature max. C	230
Replacement RoHS Compliant Part Number	0458302211

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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