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Part Number: [45830-0015](#)
Status: **Active**
Overview: HD Mezz™
Description: 1.20mm by 2.00mm Pitch HD Mezz™ Plug, 195 Circuits, 8.00mm Unmated Height, 15 Rows, Tin (Sn)/Lead (Pb) Plating

Documents:

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

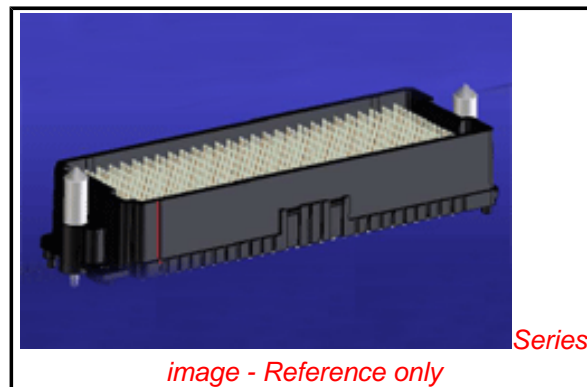


image - Reference only

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	822348849475

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 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	9.279/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
Robotic Placement	Vacuum Pick-Up Clip
Shrouded	Closed Ends
Stackable	No
Surface Mount Compatible (SMC)	Yes

EU RoHS **China RoHS**

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



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	8.00mm

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	0458300215

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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