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**Part Number:** **0458302225**  
**Status:** **Active**  
**Overview:** HD Mezz Mezzanine Connector System  
**Description:** 1.20mm by 2.00mm Pitch HD Mezz™ Plug, 325 Circuits, 10.00mm Unmated Height, 25 Rows, Tin (Sn) Plating

**Documents:**

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

**Agency Certification**

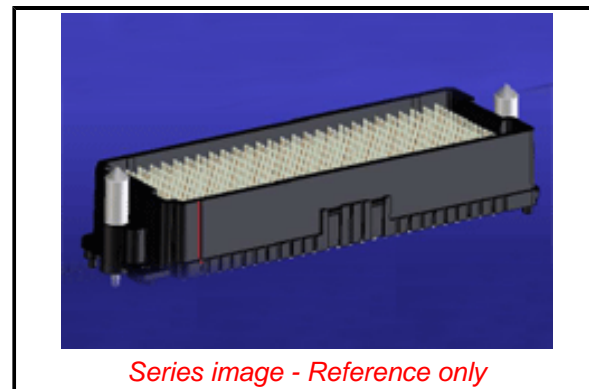
CSA LR19980

**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 Mezzanine Connector System](#)  
Product Name HD Mezz™  
UPC 822350629843

**Physical**

Breakaway No  
Circuits (Loaded) 325  
Circuits (maximum) 325  
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 17.172/g  
Number of Rows 25  
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



Series image - Reference only

**EU ELV**

**Not Relevant**

**EU RoHS**

**Compliant**

**REACH SVHC**

Not Contained Per  
-ED/01/2017 (12  
January 2017)

**Halogen-Free**

**Status**

**Low-Halogen**

**Need more information on product  
environmental compliance?**

Email [productcompliance@molex.com](mailto:productcompliance@molex.com)  
Please visit the [Contact Us](#) section for any  
non-product compliance questions.

China ROHS

ELV

RoHS Phthalates

Green Image

Not Relevant

Not Contained

**Search Parts in this Series**

[45830](#) Series

**Mates With**

[45802](#) HD Mezz™ Receptacle

Unmated Height 10.00mm

**Electrical**

Current - Maximum per Contact 2.0A

Voltage - Maximum 250V AC

**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-45802-001-001, TS-45830-9003-001

Sales Drawing RSD-45830-0001, SD-45830-0001, SD-45830-0002

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