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**Part Number:** [0458020311](#)  
**Status:** **Active**  
**Overview:** [HD Mezz Mezzanine Connector System](#)  
**Description:** 1.20mm by 2.00mm Pitch HD Mezz Receptacle, 143 Circuits, 8.00mm Unmated Height, 11 Rows, Lead-Free

**Documents:**

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

**Agency Certification**

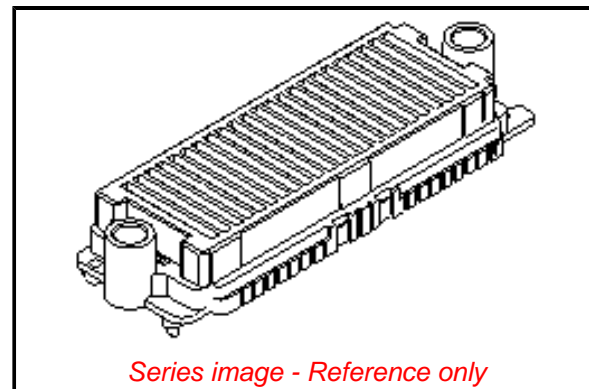
CSA LR19980  
 UL E29179

**General**

Product Family PCB Receptacles  
 Series [45802](#)  
 Application Board-to-Board, Signal  
 Comments 1.20mm Pitch Pin-to-Pin and 2.00mm Pitch Row-to-Row  
 Component Type PCB Receptacle  
 Overview [HD Mezz Mezzanine Connector System](#)  
 Product Name HD Mezz  
 Taxonomy Board-to-Board Connectors  
 UPC 822350611312

**Physical**

Circuits (Loaded) 143  
 Circuits (maximum) 143  
 Color - Resin Black  
 Durability (mating cycles max) 100  
 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 7.020/g  
 Number of Rows 11  
 Orientation Vertical  
 PCB Locator Yes  
 PCB Retention Yes  
 PCB Thickness - Recommended 1.60mm  
 Packaging Type Tray  
 Pitch - Mating Interface 2.00mm  
 Pitch - Termination Interface 2.00mm  
 Plating min - Mating 0.762µm  
 Plating min - Termination 2.540µm  
 Polarized to Mating Part Yes  
 Polarized to PCB Yes  
 Robotic Placement Vacuum Pick-Up Tape  
 Stackable No  
 Surface Mount Compatible (SMC) Yes  
 Temperature Range - Operating -55° to +105°C



**EU ELV**

**Not Relevant**

**EU RoHS**

**Compliant**

**REACH SVHC**

Not Contained Per -  
 D(2022)4187-DC (10  
 June 2022)

**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**

[45802 Series](#)

Termination Interface: Style	Surface Mount
Unmated Height	8.50mm

**Electrical**

Current - Maximum per Contact	2.0A
Grounding to PCB	No
Voltage - Maximum	250V AC

**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**

Electrical Model Document	EE-45802-0016-001
Packaging Specification	PK-45802-001-001
Product Specification	PS-45802-001-001
S-Parameter Model	SP-45802_45830-001
Sales Drawing	SD-45802-0001-001

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