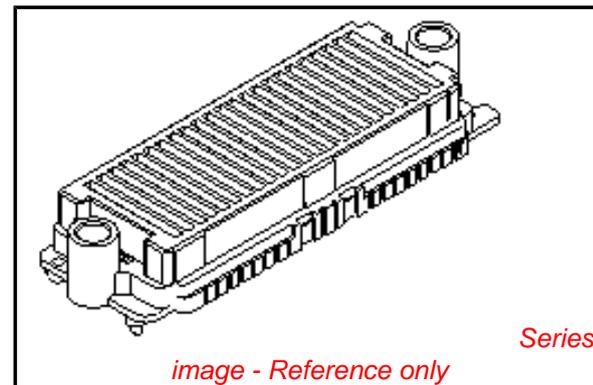


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**Part Number:** [45802-1123](#)  
**Status:** **Active**  
**Overview:** [HD Mezz™](#)  
**Description:** 1.20mm by 2.00mm Pitch HD Mezz™ Receptacle, 299 Circuits, 18.00mm Unmated Height, 23 Rows, Tin-Lead

**Documents:**

<a href="#">3D Model</a>	<a href="#">Test Summary TS-45802-001 (PDF)</a>
<a href="#">Drawing (PDF)</a>	<a href="#">RoHS Certificate of Compliance (PDF)</a>
<a href="#">Product Specification PS-45802-001 (PDF)</a>	



**Agency Certification**

CSA	LR19980
UL	E29179

**General**

Product Family	PCB Receptacles
Series	<a href="#">45802</a>
Application	Board-to-Board, Signal
Comments	1.20mm Pitch Pin-to-Pin and 2.00mm Pitch Row-to-Row
Overview	<a href="#">HD Mezz™</a>
Product Name	Mezzanine
UPC	822350629102

**Physical**

Circuits (Loaded)	299
Circuits (maximum)	299
Color - Resin	Black
Durability (mating cycles max)	100
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-Lead
Material - Resin	High Temperature Thermoplastic
Net Weight	28.027/g
Number of Rows	23
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°C to +105°C
Termination Interface: Style	Surface Mount

**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](mailto: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**

[45802Series](#)

**Mates With**

[45830 HD Mezz™ Plug](#)

Unmated Height 18.00mm

### **Electrical**

Current - Maximum per Contact 2A  
Grounding to PCB No  
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 260  
Replacement RoHS Compliant Part Number 0458021223

### **Material Info**

#### **Reference - Drawing Numbers**

Product Specification PS-45802-001  
Sales Drawing SD-45802-0001, SD-45802-0002  
Test Summary TS-45802-001

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