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Part Number: [45802-0311](#)
Status: **Active**
Overview: [HD Mezz™](#)
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 \(PDF\)](#)
[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
Overview [HD Mezz™](#)
Product Name Mezzanine
UPC 822350611312

Physical

Circuits (Loaded) 143
Circuits (maximum) 143
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
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°C to +105°C
Termination Interface: Style Surface Mount
Unmated Height 8.50mm

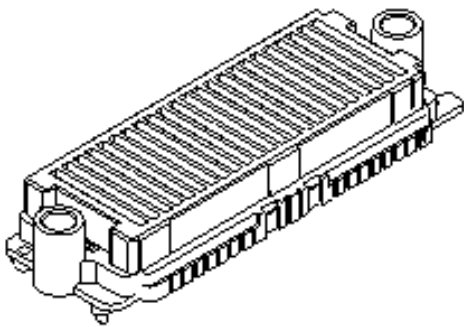


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Series

EU RoHS

**ELV and RoHS
Compliant**

REACH SVHC

Not Reviewed

Low-Halogen Status

Low-Halogen

China RoHS



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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

[45802Series](#)

Mates With

[45830](#) HD Mezz™ Plug

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

Material Info

Reference - Drawing Numbers

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

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