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Part Number: [45802-0011](#)
Status: **Active**
Overview: HD Mezz™
Description: 1.20mm by 2.00mm Pitch HD Mezz™ Receptacle, 143 Circuits, 8.00mm Unmated Height, 11 Rows, Tin-Lead

Documents:

3D Model	Test Summary TS-45802-005 (PDF)
Drawing (PDF)	Test Summary TS-45802-008 (PDF)
Product Specification PS-45802-001 (PDF)	Test Summary TS-45802-901 (PDF)
Application Specification AS-45802-001 (PDF)	RoHS Certificate of Compliance (PDF)
Test Summary TS-45802-001 (PDF)	

Agency Certification

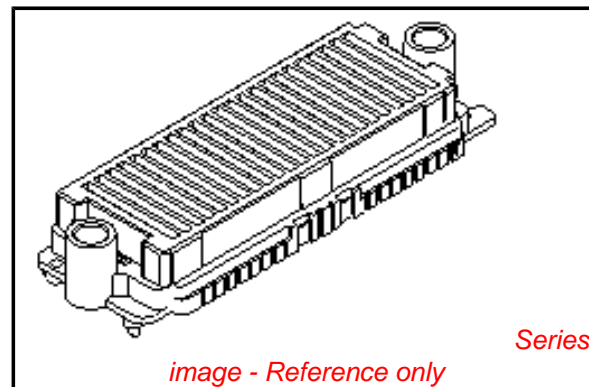
CSA	LR19980
UL	E29179

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	822348849413

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-Lead
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



EU RoHS

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

China RoHS



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

[45802Series](#)

Mates With

[45830 HD Mezz™ Plug](#)

Temperature Range - Operating	-55°C to +105°C
Termination Interface: Style	Surface Mount
Unmated Height	8.50mm

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	0458020311

Material Info

Reference - Drawing Numbers

Application Specification	AS-45802-001
Product Specification	PS-45802-001
Sales Drawing	SD-45802-0001, SD-45802-0002
Test Summary	TS-45802-001, TS-45802-005, TS-45802-008, TS-45802-901

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