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Part Number: [0458021693](#)
Status: **Active**
Overview: [HD Mezz Mezzanine Connector System](#)
Description: 1.20mm by 2.00mm Pitch HD Mezz™ Receptacle, 195 Circuits, 18.00mm Unmated Height, 15 Rows, Lead-Free

Documents:

3D Model	Product Specification TS-45830-9003-001 (PDF)
Drawing (PDF)	Packaging Specification PK-45802-0002 (PDF)
Product Specification PS-45802-001-001 (PDF)	RoHS Certificate of Compliance (PDF)

Agency Certification

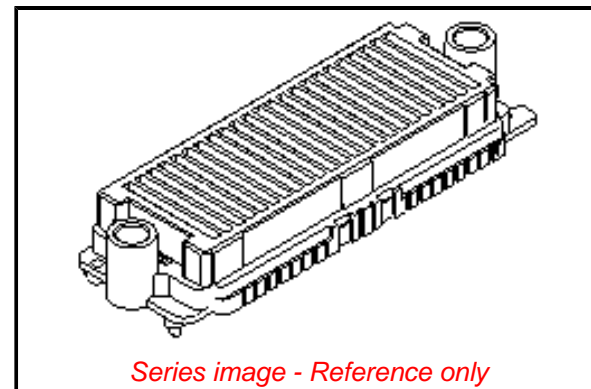
CSA	LR19980
UL	E29179

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 Mezzanine Connector System
Product Name	HD Mezz™
UPC	884982411289

Physical

Circuits (Loaded)	195
Circuits (maximum)	195
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	19.651/g
Number of Rows	15
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	18.00mm



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
Please visit the [Contact Us](#) section for any non-product compliance questions.

China ROHS	Green Image
ELV	Not Relevant
RoHS Phthalates	Not Contained

Search Parts in this Series

[45802](#) Series

Mates With

[45830](#) HD Mezz™ Plug

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**

Packaging Specification	PK-45802-0002
Product Specification	PS-45802-001-001, TS-45830-9003-001
Sales Drawing	RSD-45802-0001, SD-45802-0001, SD-45802-0002

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